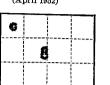
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Approval or Disapproval Letter		4	
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Pin changed on location map			
Affidavit and Record of A & P			
Water Shut-Off Test	· L		
Gas-Oil Ratio Test	<u>u</u>	•	•
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Form	9-331	b
(Apri	1 1952)	

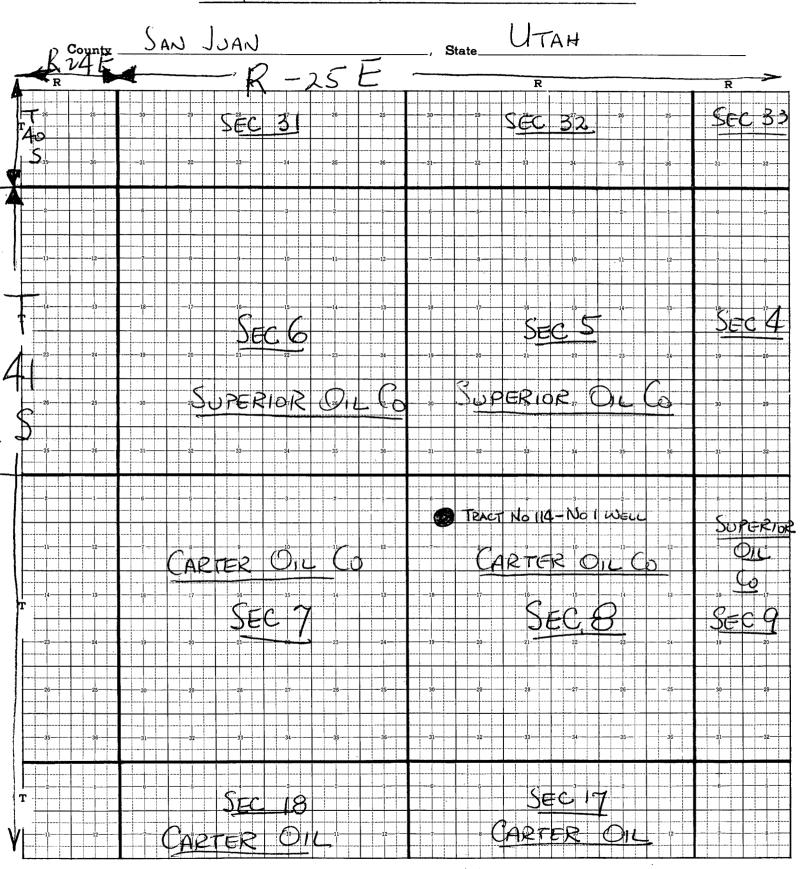


(SUBMIT IN TRIPLICATE)	Indian Agency
UNITED STATES	
DEPARTMENT OF THE INTERIOR	Allottee
GEOLOGICAL SURVEY	Lease No.

Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

NOTICE OF I						
	NTENTION TO DRILL		SUBSEQUENT R	EPORT OF WATER SI	HUT-OFF	
NOTICE OF I	NTENTION TO CHANGE PLANS	;	SUBSEQUENT R	EPORT OF SHOOTING	G OR ACIDIZING	
NOTICE OF I	NTENTION TO TEST WATER S	HUT-OFF	SUBSEQUENT R	EPORT OF ALTERING	CASING	
NOTICE OF I	NTENTION TO REDRILL OR R	EPAIR WELL	SUBSEQUENT R	EPORT OF REDRILLI	NG OR REPAIR	
NOTICE OF I	ntention to shoot or acii	DIZE	Subsequent R	EPORT OF ABANDON	MENT	
	NTENTION TO PULL OR ALTER		SUPPLEMENTAR	Y WELL HISTORY		
NOTICE OF I	NTENTION TO ABANDON WELI					
	(INDICATE AB	OVE BY CHECK MARK N	ATURE OF REPORT, I	OTICE, OR OTHER D	ATA)	
		-		recensing B	, 1357	. 19
well No	rest #11h is located	d <u>©10</u> ft. from	n Nijine and	660 ft. from	$\mathbb{E}\left\{egin{array}{c} \mathbb{E} \\ \mathbb{W} \end{array}\right\}$ line of sec.	8
		L15	25E	Se Le Ae	• ,	
(¾ Se	c. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
		Sen Juan	County		Strh	
	(Field)	(County or	Subdivision)		(State or Territory)	
State names o	f and expected depths to obje		S OF WORK		gs; indicate mudding jo	bs, cement-
desing (O depending sufface. and Fraga will be designed to the constant content of	fand expected depths to object it line for inpacts in the present of the production of the production of the force of the factor of the production of the pr	ective sands; show sizes ing points, and all of the sand of the sa	weights, and lengther important properties of the 21 cm. 2	hs of proposed casin seed work) Ling to the control of the contro	M Horrison. Commission Cost. Ing commission. Commissio	Surfo % to cont. mistic
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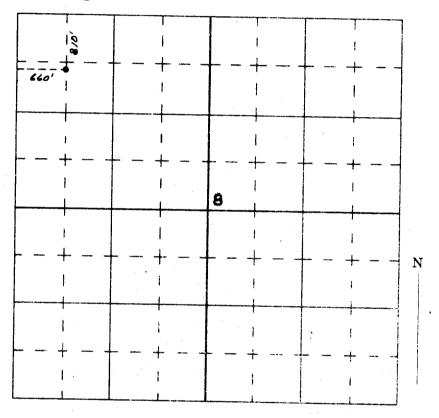
NAVAJO TRACT # 114 No 1. LOCATION





COMPANY THE CARTER GIL COMPANY	*
Well Name & No.	Lease No.
Location 810' FROM THE NORTH LINE AND 669'	FROM THE WEST LINE
Being in NW NW	
Sec. 8 T 41 S R 25 F S.L.M. , San Juan	County, Utah
Community of APPR The community is	

Ground Elevation 4676 Ungraded



Scale — 4 inches equals 1 mile

Surveyed	31 January		57
This is to certify that	t the above plat was prepared from	n field notes of actual surveys me	do by me an under
my supervision and t	hat the same are true and correct	et to the best of my knowledge ar	nd belief.

Registered Land Surveyor.

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

February 19, 1957

The Carter Oil Company Box 472 Vernal, Utah

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract #114, 1, which is to be located 810 feet from the north line and 660 feet from the west line of Section 8, Township 41 South, Range 25 East, SIM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT SECRETARY

CBF: cn

ce: Phil McGrath/Mr. Long USGS, Farmington, New Mexico



Form 9-331 b (April 1952)



(SUBMIT IN TRIPLICA

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Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

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dian Agency

UNITED STATES	
DEPARTMENT OF THE INTERIO	OR
GEOLOGICAL CUDVEY	

Allottee	
	14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS.		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING.		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		Report of Setting Surface casing x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

(Field)	(County	or Subdivision)		(State or Territor;	7)
Wildcat	San Juan		Ţ	J t ah	
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian	i)	
NW NW Section 8	415	25E	s l m	• •	
Well Nois located	810 ft. fr	om $\mathbb{R}^{[N]}$ line	and 660 ft.	$\operatorname{from} \left\{ egin{array}{c} \mathbb{K} \\ \mathbb{W} \end{array} \right\} \operatorname{line} \mathfrak{g}$	of sec8
Navajo Tract 114					
		***************************************	April 16, 19	957	. 19

The elevation of the derrick floor above sea level is _____ ft. 4676' G.L. Ungraded

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 11:30 PM 4-5-57 Ran 80' of 16" OD 53.1# Spiral Weld slip jt conductor pipe set at 80' and cemented with 110 sacks regular cement with 2% Calcium Chloride added. Job complete 4:30 PM 4-6-57, cement circulated OK.

Ran 191' of 10-3/4" OD 40.5# 8rd thd J-55 ss csg and 1186' of 10-3/4" OD 32.75# 8rd thd H-40 smls csg(1289' total) set at 1302' and cemented with 900 sacks cement, cement circulated OK. Job complete at 10:30 PM 4-11-57. Pressured up casing to 500# for 30 minutes, held OK, tested cement at 300# for 15 minutes OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.				
Company The Carter Oil Company				
Address Box 1414				
Durango, Colorado	COFT (SIGNED) 3. IL MARGEL!			
×	B M Bradley Title District Superintendent			

Fori	Form 9-331 b (April 1952)				
		; ; ;			



		Budget Bureau No. 42–R359.4. Approval expires 12–31–60.
SUBMIT IN TRIPLICATE)	Indian	Agency Navajo
UNITED STATES		
MENT OF THE INTERIOR		B
GEOLOGICAL SURVEY	T >	14-20-603-263

DEPART

			AND F	REPORT	S ON V	WELLS	
NOTICE OF INTENT	ION TO DRILL		CIDE	FOURNT DEPORT	OF WATER CITY	FOFE	1
	ION TO CHANGE PLANS		1 1			T-OFF OR ACIDIZING	i
	ION TO TEST WATER SHU		1 1				
	ION TO REDRILL OR REPA					ASING	
	ION TO SHOOT OR ACIDIZ					OR REPAIR	
	ION TO PULL OR ALTER O		1 11			NT	
	TON TO ABANDON WELL		Re	port of D	rill Stem	Test	x
	(INDICATE ABOVI	В ВҮ СНЕСК МА	RK NATURE OF	REPORT, NOTICE	, OR OTHER DAT	A)	
			1	May 6, 19	57		10
Well No. NW NW Section (34 Sec. and a wildcat (Field the elevation of the section of the secti	on 8	(Twp.) San Juan (Coun	25E (Range) n nty or Subdivisi	on)	SLM (Meridian) Utah	line of sectors line of sector	
			AILS OF		•		
tate names of and o	expected depths to objecti in	ve sands; show g points, and a	sizes, weights, all other impor	and lengths of p	roposed casings; ork)	indicate mudding	jobs, cemer
T#1 - TD Good blow, Best. Recov	spected depths to object in 5468' - packer gas to surface ered 820' flui THP 2975#, IFP	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
T#1 - TD Good blow, Best. Recov	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
T#1 - TD lood blow, lest. Recov	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
T#1 - TD lood blow, lest. Recov	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
T#1 - TD lood blow, lest. Recov	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
T#1 - TD lood blow, lest. Recov	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
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T #1 - TD Good blow, test. Recov	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40' G	v sizes, weights, all other import - Tool imtes, as Cut M	open 4 h 108 MCF r 1d. 90' 0	ours, shu emained co il Cut muc	t in 30 min onstant thr	utes. nont
ST #1 - TD Good blow, test. Recov IP 3000#, F	5468 - packer gas to surface ered 820 flui	at 5400 in 11 m d (40° G 85#, FFP	sizes, weights, all other import — Tool imutes, as Cut Mi 195%, S.	open 4 h 108 MCF r 1d, 90' O IP 1790#,	ours, shu emained co il Cut mu gravity	t in 30 min onstant thr d, 690' Mud al at 60°.	utes. uout cut o
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I understand that ompany ddress	5468! - packer gas to surface ered 820! flui THP 2975#, IFP	at 5400 in 11 m d (40° G 85#, FFP	sizes, weights, all other import — Tool imutes, as Cut Mi 195%, S.	open in his 108 MCF rad, 90° 0° 1790#,	ours, shuremained consined consined consined consined consists of the constant	t in 30 min onstant thr d, 690' Mud al at 60°.	utes. uout cut o
I understand that ompany ddress	5468' - packer gas to surface ered 820' flui HP 2975#, IFP	at 5400 in 11 m d (40° G 85#, FFP	sizes, weights, all other import — Tool imutes, as Cut Mi 195%, S.	open in his 108 MCF rad, 90° 0° 1790#,	ours, shuremained coil Cut muc gravity	t in 30 min onstant thr d, 690 Mud at 600.	utes. uout cut o



Budget Bureau No. 42-R359 Approval expires 12-31-60.

ı,	oril 1952)	-	(SUBMIT IN TRIPLICATE)	Indian Agency
			UNITED STATES	
-			DEPARTMENT OF THE INTERIOR	Allottee
-	•		GEOLOGICAL SURVEY	Lease No11 _20 _(03 _263_
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SUNDKI N		REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	st	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLAN	vssu	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER	SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR	REPAIR WELL SL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR AC	IDIZESL	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALT	ER CASING SU	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WE	<u> </u>	Report of Brill Stem Test
(INDICATE A	BOVE BY CHECK MARK NATURE	E OF REPORT, NOTICE, OR OTHER DATA)
	:	, 1957, 19, 19
Well No is locat	ed \mathbb{N} ft. from \mathbb{S}	line andft. from W line of sec
Sec. and Sec. No. 18	(Twp.) (Range	e) (Meridian)
Hofelmo Creek WC	Sen Juan	Utah
(Field)	(County or Subdi	livision) (State or Territory)
DET #2 - 5560-5476* - DET #2-A - ID 5560* - min, fluid to surface th day, grindout .2 of th 600 . IFP 305#, FFP THP 2915#. DET #3 - ID 5592* - p thoise at rate of 300 bb	Pierus, packers ; packer at 5466'. in 1k wis. On 5, 15 B. S., .8 of 14 15806, ISIP 20 m acker at 5531'.	shts, and lengths of proposed casings; indicate mudding jobs, cement- apportant proposed work) sould not hold. Tool open 2 hrs 29 min. Gas to surfa //" cacks 2 hour test, 1109 bbls flaid smil. 200 pressure above choks. Grav din 21200, FSIP 30 min 21200, IHP 29150. Tool open 4 hrs 25 minutes, flowed thru mg initial blow when tool opened, gas t 8 minutes. Pressure behind choks 5200
ravity [2.2 at 60°, 0	rindcut E. SQ.	SIP 30 min 2110, INF 3030, FRP 3030, g by the Geological Survey before operations may be commenced.
	lorado	By Bradley

U. S. LAND OFFICE Navajo

get Bureau No. 42–R355.4, Approval expires 12–31–60.

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT ...

14-20-603-263

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

	nyThe	Carter Oi	1 Compa	ny	Address	Box lilli. I	hirr sin Rad		200
Lessor	or Tract	Navajo T	ract_l	11,25	Field 1	McElmo Creek	MC State	Utab	
Well N	o1	Sec8_ 7	r. Lis R	23 Me	ridian SLM	Cou	inty San	Juan	
Location	n 810	ft. (of	n . Line a	nd -660 ft	. E. of w	Line of Section	n-8	Eleva	tion
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	110111 111					and the control of th			
			. 1	IMPORT	ANT WATER	SANDS			
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No. 1,	fromj		_ to 6 (IMPORTA 05 080	No. 3, No. 4,	from	to		98
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No. 1,	fromj	(00	_ to 6 (IMPORTA 05 080	No. 3, No. 4,	from	to)	98
No. 1, No. 2, Size casing	from7 Weight	60 Threads per	to60	IMPORTA 05 080 CAS Amount	NO. 3, NO. 4, SING RECOR	from from RD Cut and pulled from	to	rated To-	Purpose Conducto
No. 1, No. 2,	from7	60Threads per	to60	IMPORTA 05 080 CAS Amount	No. 3, No. 4, SING RECOF	sands from from	to	rated To—	PurposeConducto
No. 1, No. 2, Size casing	from	Threads per inch	to 60 to 10 Make Armoo H-10	MPORTA 080 CAS Amount 801 1186	No. 3, No. 4, SING RECOF	SANDS from from Cut and pulled from	Perfor	rated To-	PurposeConducto
No. 1, No. 2, Size casing 16n 10-3/1 10-3/1	from 3 from 7 Weight per foot 32/75	Threads per inch Slip Jt Srd	to 60 to 10 Make Armoo H-10	MPORTA 180 CAS Amount 801 1786	No. 3, No. 4, SING RECOR	fromfrom	Perfor	ated To	Purpose Conducto Surface Surface Cil Strif
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No. 1, No. 2, Size casing 16n 10-3/1 10-3/1	from 3 from 7 Weight per foot 32/75	Threads per inch Slip Jt Srd	to 60 to 10 Make -Armco-H-10 J-55 N-80	MPORTA 080 CA: Amount 1186 101 2165	No. 3, No. 4, SING RECOF	fromfrom	Perfor From	rated To—	Purpose Conducto Surface Surface Cil Strif
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No. 1, No. 2, Size casing 161 163/1 193/1 71 Size casing	from	Threads per inch Slip Jt Srd Srd Srd	to	IMPORTA 180 Amount 1186 101 2165 DING AN	No. 3, No. 4, SING RECOF	from	Perfor	To—	Purpose Conducto Surface Surface Cil Strif
No. 1, No. 2, Size casing -16n -19-3/4 -7n -7n	from	Threads per inch Slip Jt Srd Srd Srd Numb	to	IMPORTA 180 Amount 1186 101 2165 DING AN	No. 3, No. 4, SING RECOF	fromfrom	Perfor	To—	Purpose Conducto Surface Surface Cil Strif
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No. 1, No. 2, Size casing 1611 19-3/4 -711 Size casing 16-3/4 10-3/4	from	Threads per inch Slip Jt Srd Srd Srd Numb 110 900 250	to	Amount 801 1186 101 2165 DING AN	No. 3, No. 4, SING RECOR Kind of shoe None D CEMENT! Method used Halliburte Halliburte	fromfromfromfromfrom	Perfor	To—	Purpose Conducto Surface Surface CLL SURI

Mud gravity

Method used

Size casing

Where set

	1 6#	80	110	Halliburton	
ξ	10-3/4		900	Halliburton	
_ ₹	E H	-5686	250	 -Halliburton	
<u> </u>					

Number sacks of cement

PLUGS AND ADAPTERS

Length _____ Heaving plug-Material Depth set Adapters-Material...

SHOOTING RECORD

	Size	Shell used	Explosive used	Quantity	Date Depth shot	Depth cleaned out
_						
	ę.					
		1				

TOTO JOSE, AMBEING AGELLACORD	OLS USED
Cable tools were used from feet to feet to Completed, and shut in, no market	feet, and from feet to feet
Estimated, based on 6 hr complet The production for the first 24 hours was	Put to producing
emuision, % water; and% sediment.	Cravity, Be. 12 6 more ant an
If gas well, cu. ft. per 24 hours	GGOR 1900 instherst, 600 cu. ft. of gas

EMPLOYEES

ر حردہ	10	- 64	19		 		. Driller					Tarlor S		Driller
:	F.	DIV	nb.		- Y - A					wn.	Binge	L	:;	Dimer
	- 13 -	·Ħ	Smed	Tav-	 	- k	, Driller		, m ^{ert} ja saf	 			 	Driller
	~	27.4	MAIL TO CA		19 11 11	1.00		1.00						

FORMATION RECORD					
FROM-	то-	TOTAL FEET	FORMATION		
0	695	6951	Morrison, Bluff, Estrada - Undifferentiated Sandstones		
695	760	651	Carmel - Shale		
760	1030	2701	Navajo - Sandstone		
1030	1268	2381	Kayenta & Wingate - Sandstone & siltstone with interbedded shale partings		
1268	2342	יולינסב	Chinle - Siltstone with traces limestone & Shale		
2342	2555	2131	Shinarump - Sandstone, Coarse grained, many Chert fragments		
2555	2710	155'	Cocenino - Sandstone, fine to medium grained		
2710	32 90	5801	Cutler (Organ Rock Tongue) - Shale altering to siltstone near bottom		
3290	1483	1193'	Cutler evaporite facies - interbedded shale and siltatone with many stringers and inclusions of anhydrite and gypsum		
1,1,83	51,30	9471	Hermosa - Limestone with stringers and partings of gray shale		
51,30	5686	2561	Paradox - Limestone, much very fossiliferous traces dolomite and black shale near base		
5686	5688 (TD)	2	SAH		
		SEE ATTACHED	SHEETS FOR CORE DESCRIPTIONS.		

[OVER] LEGISTON CONTRACTOR CONTRACTOR

CORE DESCRIPTIONS

CORE #1: 5409' to 5468'. Cut 59' and recovered 59'.

11 Dolomite brown, very fine suc, pinpoint porosity, fair odor flour.

2' Limestone, br, very fine crystoline, scat. pinpoint & vug. por., flour, no show.
8' Limestone, lt. gray, very fine crystoline, bright spotty flour, no visible porosity.
1' Dolomite, lt. tan, very fine suc., spotty to uniform flour., no visible porosity.

3' Limestone, lt. tan very fine crystoline, no show, no visible porosity.

3' Dolomite, lt. tan very fine suc., spotty flour., no visible porosity.

6' Shale, black.

1' Limestone, lt. tan, micro-crystoline, no show, no visible porosity.

4' Limestone, lt. tan, pinpoint & vug. porosity, bleeding oil from fracture.

2' Limestone, tan, v. arg., spotty flour, no visible porosity.

1' Limestone, lt. tan, vug. porosity, bleeding oil.
1' Limestone, tan, micro-crystoline, vug. porosity, spotty flour.

2' Limestone, silicious, dense, no visible porosity.

7' Limestone, tan gray, very fine to micro-crystoline, vug. porosity, bleeding oil.

3' Limestone, tan, very fine crystcline, pinpoint porosity, fracture, morly, spotty flour. 10' Limestone, tan, micro-crystoline, pinpoint to vug. porosity, bleeding oil.

4' Limestone, crypto-crystoline, no show, no visible porosity.
(29' of pore in core).

5468' to 5500'. Cut 32' and recovered 32'. ORE #2:

131 Limestone, dk. gr., dense, hd., no show, no visible porosity.

- 7' Limestone, very fine crystoline, to crypto-crystoline, some bleeding oil, scat. intercrystoline porosity.
- 12' Limestone, dr, gray, very fine crystoline, some very fine vug. porosity, bleeding oil. (10' pore in core).

CORE #3: 5500' to 5560'. Cut 60' and recovered 60'.

I limestone, lt. gray, very fine crystoline to dense fossil, some vugs & bleeding oil.

Limestone as above with pinpoint porosity, bleeding oil.

- 2' Limestone, lt. gray, dense, slight fractures, flour. spotty, no visible porosity.
 1' Limestone, lt. gray, very fine crystalline, fossiliferous, some pinpoint to vugular porosity, bleeding oil.

 3' Limestone, lt. gray, tan, finely crystalline to dense, no vissible porosity, no show.

3' Limestone as above, 3' with fracs, bleeding oil along fracs.

- 27' Limestone, tan to gray, microcrystalline to dense, calcite filled fractures, no show, no visible porosity.
- 2' Limestone, tan algal, microcrystalline, fossiliferous, calcite filled fractures, no visible porosity, no show.
- 1' Limestone, tan fragmental, occasional shale laminae, some spotty flourescence, no visible porosity.
- 2' Limestone, lt. gray, fossiliferous, fragmental, some fine vugs, flour. spotty, spotty bleeding of oil.
- 1' Limestone, gray, dense, vugular, spotty flourescense, bleeding oil.

1' Limestone, gray, fossiliferous, dense, vugular, bleeding oil.

- 1' Limestone, gray, dense, with interbedded dolomite, tan, pinpoint porosity in dolomite, bleeding oil.
- 12 Limestone, gray, lithographic, vugular, along fractures, spotty flour. vugs filled with oil, no permeability.

 $6\frac{1}{2}!$ Limestone, gray, hithographic, vugular, flourescence, bleeding oil, permeable.

4 Limestone, gray, lithographic, vugular, bleeding salt water.

CORE #4: 5560' to 5592'. Cut 32' and recovered 32'. 32 All limestone, lithographic with large vugular porosity. Porosity good to excellent, permeability good to excellent. Entire core bleeding oil and gas.

CORE #5: 5592' to 5636'. Cut 44' and recovered 44'.

7 Limestone, gray to lt. tan, dense to gragmental, fossiliferous, vuggy por. bleeding oil.

1' Dolomita, tan, very finely sucrosic, flour., no visible porosity.

3' Limestone, dk tan, very finely crystalline, fossiliferous, no show, no vis. porosity. 5' Dolomite, tan, very finely sucrosic, pimpoint to vyggy porosity, flour, oil stain &

1' Limestone, pinpoint porosity, stain, spotty flourescence.

- 13' Limestone, gray to tan, micro to very finely crystalline, foldiliferous with anjudrate inclusions, some flour., no stain, no visible porosity.
- 2' Dolomite, very dark tan and black, very finely sucrosic, pinpoint porosity, spotty flour 7' Dolomite, very dk tan & black, very finely sucrosic, fossiliferouse argillaceous, no xx visible porosity.

5' Shale, black.

cutty by acid.

Form 9-331 b (April 1952)						
r						



(SUBMIT IN TRIPLICATE)

	Approve	Bureau No. 42–R359.4. al expires 12–31–60.
W	Indian Agency	Nevajo

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Allottee _	
Lease No.	14-20-603-663
monte 110.	

SLINDRY NOTICES AND REPORTS ON WELLS

Have to-Cract 111:		URE OF REPORT, NOTICE, OR OTHER DATA)
(INDICATE APONE DY CHIESE MA	<u> </u>	
NOTICE OF INTENTION TO ABANDON WELL		
NOTICE OF INTENTION TO PULL OR ALTER CASING.	1	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	- 1	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO CHANGE PLANS	1	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF.

M M Sec. 8 (14 Sec. and Sec. No.)

McF. Iran

Well No. ____ is located _____ ft. from line and _____ ft. from

SeLeife

San Aton (County or Subdivision)

The elevation of the derrick floor above sea level is ______ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 7"casing (5687') @ 5686' with 225 maks coment on 5-16-57. N.O.C. 18 hrs. Ren Temp. survey which indicated top of cement @ bolk'. Meplaced mud with oil, ran Heutren Log. Perforated 5541' to 5591' with 4 holes per foot, a total of 200 holes. Well did not flow. Squeezed 500 gals. of M.C.A. Med Acid through perforations with maximum pressure of 225 psi. Injection rate of 62.25 bbls. per min. Haplaced with 3's bbls. oil. Opened well to test tank on 1. choke and recovered 34 bbls. of flush oil & 12 bbls. of soid water & mad. Opened well to tank bettery on 3/4 choke. On 6 hr. completion test made 2330 bbls. cil per 24 hr. day. THP 415%; CHP 0%; Estimated GOR 10001. Cravity 42.6 corrected. Estimated 0.8%. Closed in THP 525/1 Closed in CHF 25%. Released Rig 6 h:30 P.M. 5-21-57. Shot Well in after 6 hr. test. He market for oil.

	I understand t	hat this plan of work must receive approval in writing	by the Geological Survey before operations may be commenced.
	Company	THE CARTER OIL COMPANY	
	Address	P. O. BOX bible	
1		PURANCO, COLORADO	By CUPY (ORIGINAL) B. M. BRADLEY
P			B. M. bradley Title Met. Supt.

Form 9,331 (May 1963)

UNNED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPL. TE*
(Other instructions on re-

Form approved.
Budget Bureau No. 42-R1424.

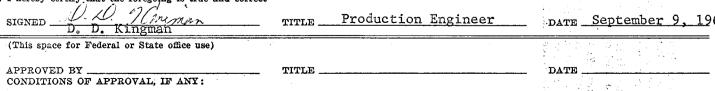
DEPARTMENT	OF THE INTERIOR (Other Instru	5. LEASE DESIGNATION AND SERIAL NO.
GEOLO	OGICAL SURVEY	14-20-603-263
SUNDRY NOTICES (Do not use this form for proposals to duse "APPLICATION E	AND REPORTS ON WELLS drill or to deepen or plug back to a different response FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME servoir.
1. OIL THE GAS		7. UNIT AGREEMENT NAME
WELL X GAS WELL OTHER 2. NAME OF OPERATOR		McElmo Creek Unit
THE SUPERIOR OIL COMPANY		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR		9. WELL NO.
P. O. DRAWER 'G', CORTEZ, O	COLORADO #81321	#N - 17
4. LOCATION OF WELL (Report location clearly as See also space 17 below.) At surface	nd in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT McElmo Creek
NW NW Section 8, T41S,	R25E	11. SEC., T., R., M., OR BLK. AND SURVEY OF AREA
		Sec. 8, T41S, R25E
14. PERMIT NO. 15. E	LEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	4680' КВ	San Juan Utah
16. Check Appropri	ate Box To Indicate Nature of Notice,	Report, or Other Data
NOTICE OF INTENTION TO		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR	ALTER CASING WATER SHUT-	OFF REPAIRING WELL
FRACTURE TREAT MULTIPL	E COMPLETE FRACTURE TRE	EATMENT ALTERING CASING
SHOOT OR ACIDIZE ABANDON	** SHOOTING OR	ACIDIZING ABANDONMENT*
REPAIR WELL CHANGE		
(Other) Squeeze & Recomplet		Report results of multiple completion on Well ion or Recompletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS proposed work. If well is directionally dranent to this work.) *	i (Clearly state all pertinent details, and give prilled, give subsurface locations and measured a	ertinent dates, including estimated date of starting an nd true vertical depths for all markers and zones perti
7)		그 그는 그 중에 동생님은 그를 계속을 뜻 수요.
Propose to squeeze all pe	eris with 450 sacks. and reperforate the following	
will dilli ode to 5550	and reperiorate the fortowing	g intervals:
	5440-56	그는 그 사람이 살아 살아 살아 먹음말했다.
	5460-70	
	5488-5506	
		그 그 그 그 그 그를 병장한 항이 병이 취속 왔죠? 그 그
	ted with $10,000$ gallons 28% a	acid in two stages and
the well will be put on p		
•	production.	
•	production.	
•	production.	
· ·	production.	
	production.	
•	production.	
18. I hereby certify that the foregoing is true a	nd correct	
	nd correct	

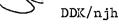
TITLE

DATE

Form 9-331 (May 1963) TED STATES Form approved. Budget Bureau No. 42-R1424. SUBMIT IN TRIP DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY <u>14-20-603-263</u> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) Navajo 7. UNIT AGREEMENT NAME WELL X GAS WELL OTHER McElmo Creek NAME OF OPERATOR 8. FARM OR LEASE NAME THE SUPERIOR OIL COMPANY ADDRESS OF OPERATOR 9. WELL NO. N - 17O. DRAWER 'G', CORTEZ, COLORADO LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface 10. FIELD AND POOL, OR WILDCAT McElmo Creek 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW NW Sec. 8, T41S, R25E San Juan County, Utah Sec. 8, T41S, R25E 12. COUNTY OR PARISH | 13. STATE 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4680' KB San Juan Utah 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF : TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL MULTIPLE COMPLETE FRACTURE TREAT FRACTURE TREATMENT ALTERING CASING SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING ABANDONMENT* Squeeze & Recomplete REPAIR WELL CHANGE PLANS (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 7-28-66 Squeezed all perfs with 330 sacks cement. 7-31-66 Squeezed hole in casing at 4245' and 2335' with 100 sacks cement each. 8-2-66 Squeezed hole in casing at 2335' with 50 sacks cement. 8-4-66 Drilled out cement to 5530'. Perforated 5440-56, 5460-70, 5482-5506 with 2 jets per foot. 8-5-66 Treated with 10,500 gallons 28% acid in two stages using 1000# moth balls between stages. 8-7-66 Flowed 764 bb1 fluid in 24 hrs., 1/2" choke, 160# tubing pressure. 18. I hereby certify that the foregoing is true and correct Production Engineer September 9. TITLE DATE





DEPARTMENT OF THE INTERIOR (Other instructions on verse side)

	•	Form a Budget	pprov Bures	ed. 1u N	o. 42	∨ ⊢R142	14
5.	LEASE	DESIGN	ATION	AND	SERI	AL NO	

14-20-603-263

	ES AND REPORTS ON WELLS s to drill or to deepen or plug back to a different reservoir. ION FOR PERMIT—" for such proposals.)	Navajo
1.		7. UNIT AGREEMENT NAME
OIL X GAS OTHER		McElmo Creek Unit
2. NAME OF OPERATOR	11 10	8. FARM OR LEASE NAME
The Superior Oil Company	- Numble.	McElmo Creek Unit
3. ADDRESS OF OPERATOR		9. WELL NO.
P. O. Drawer 'G', Cortez,	Colorado 81321	MCU #N-17
 LOCATION OF WELL (Report location clear See also space 17 below.) 	rly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface		McElmo Creek Field
810 FNL & 660' FWL, Sec,	8, T41S, R25E	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
San Juan County, Utah		NW NW Sec. 8, T41S, R25E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	4680 ' KB	San Juan Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOT	ICE OF INT	ENTION TO:		 1	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF		PULL OR ALTER CASING			WATER SHUT-OFF REPAIRING WELL
FRACTURE TREAT		MULTIPLE COMPLETE	X		FRACTURE TREATMENT ALTERING CASING
SHOOT OR ACIDIZE	X	ABANDON*			SHOOTING OR ACIDIZING ABANDONMENT*
REPAIR WELL		CHANGE PLANS			(Other)
(Other)				 <u> </u>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Propose to perforate the Lower Ismay interval 5406-5424 with 2 jets per ft and treat with 4000 gal 28% acid.

The Ismay will be swabbed and tested, then produced commingled with the Desert Creek.

2				
8. I hereby certify that the foregoing is true and correct SIGNED D. B. Kingman	TITLE _	District	Engineer	DATE: January 16, 196
(This space for Federal or State office use)				
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE _	-		 DATE



TITED STATES

Form approved. V Budget Bureau No. 42-R1424. Form 9-331 (May 1963) SUBMIT IN TRI Other instructions on re-DEPARTMENT OF THE INTERIOR (Officer In 5. LEASE DESIGNATION AND SERIAL NO. GEOLOGICAL SURVEY 14-20-603-263 6. IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) Navajo 7. UNIT AGREEMENT NAME GAS WELL WELL X OTHER McElmo Creek Unit NAME OF OPERATOR 8. FARM OR LEASE NAME Here Il The Superior Oil Company McElmo Creek Unit 9. WELL NO. 3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface MCU # N-17 10. FIELD AND POOL, OR WILDCAT McElmo Creek Field 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 810' FNL & 660' FWL, Section 8, T41S, R25E NW NW Sec. 8 San Juan County, Utah T41S, R25E 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 12. COUNTY OR PARISH | 13. STATE 4680' KB San Juan Cty IItal 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF REPAIRING WELL FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CASING SHOOTING OR ACIDIZING X SHOOT OR ACIDIZE ABANDON* ABANDONMENT* (Other) Recompleted in additional REPAIR WELL CHANGE PLANS (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* proposed work. I nent to this work.)

2/4/69

Perforated Ismay Zone 5406-24' with 2 jets per foot.

Treated perfs with 4000 gal 28% acid. Formation broke at 2200 psi.

Pumped at 13 BPM - o psi.

Production Tests: 2/12/69 180 BOPD, 3 BW, 1.6% cut.

2/18/69 96 BOPD, 4 BW, 4% cut

8. I hereby certify that the foregoing is true and correct SIGNED D. D. Kingman	TITLE District Engineer	DATE 3/17/69
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

120



January 3, 1973

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

DLC:mej

PROCESS OF SERVICES ON EN

Effective on January 1, 1973, Humble Oil & Refining Company merged into its parent corporation. On that date all of the rights, assets, and liabilities of Humble will accrue to and be assumed by Exxon Corporation.

After January 1, 1973, all invoices, payments, notices or other communications which were sent previously to Humble should be sent to Exxon Corporation, P. O. Box 1600, Midland, Texas 75731.

We would appreciate your cooperation in helping us make these changes, and we want to assure you that our policies and business relationships with you will remain the same.

Sincerely,

L. H. Byrd

A DIVISION OF EXXON CORPORATION

Form	9-331
(May	1963



SUBMIT IN TRIPLICATES

(May 1963) UNITED STATES SUBMIT IN TRIPLICATE OF THE INTERIOR (Other instructions of recommendation) GEOLOGICAL SURVEY	Form approved. Budget Bureau No. 42-R1424. LEASE DESIGNATION AND SERIAL NO. 14-20-603-263
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
OIL XX GAS OTHER 2. NAME OF OPERATOR	7. UNIT AGREEMENT NAME MCELMO CREEK UNIT
THE SUPERIOR OIL COMPANY 3. ADDRESS OF OPERATOR	8. FARM OR LEASE NAME
P. O. DRAWER 'G', CORTEZ, COLORADO 81321	9. WELL NO. MCU #N-17
s. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 810' FNL & 660' FWL, SEC. 8, T41S, R25E	10. FIELD AND FOOL, OR WILDCAT GREATER ANETH 11. SEC., T., R., M., OR BLK. AND SURVEY OR ABEA SECTION 8, T418, R25E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4670 GL	12. COUNTY OR PARISH 13. STATE SAN JUAN UTAH
TEST WATER SHUT-OFF PULL OR ALTER CASING FRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING (Other) (Other CONVERT TO WATER INJECTION WELL (NOTE: Report result Completion or Recomp	REPAIRING WELL ALTERING CASING ABANDONMENT* Is of multiple completion on Well pletion Report and Log form.) s, including estimated date of starting any cal depths for all markers and zones perti-
PROCEDURE:	House of the control
 RU completion unit. Pull and lay down rods, pump and 2. Set CI BP at 5430'. Run 2-7/8" work string and squeeze packer. Set packer at 5300'. Squeeze Ismay Perfs 5406-5424' w/350 sacks cement. Drill out squeeze and run bit and casing scraper to 55 lay down work string and packer. Run 2-7/8" Nu-Lock TK-75 lined tubing and Baker Lok-Se 	30' PBTD. Pull and
8. Hook well up for Desert Creek Zone I Injection. PPROVED BY THE DIVISION OF ML, GAS, AND MINING ATE: Ang. 19, 1976 DIVISION MINING	Charlistandae ood Loubild begreen is die begreen is

A 18. I hereby certify that the foregoing is true and correct

David G. Allison SIGNED.

Engineer TITLE

August 16, 1976 DATE

(This space for Federal or State office use)

TITLE

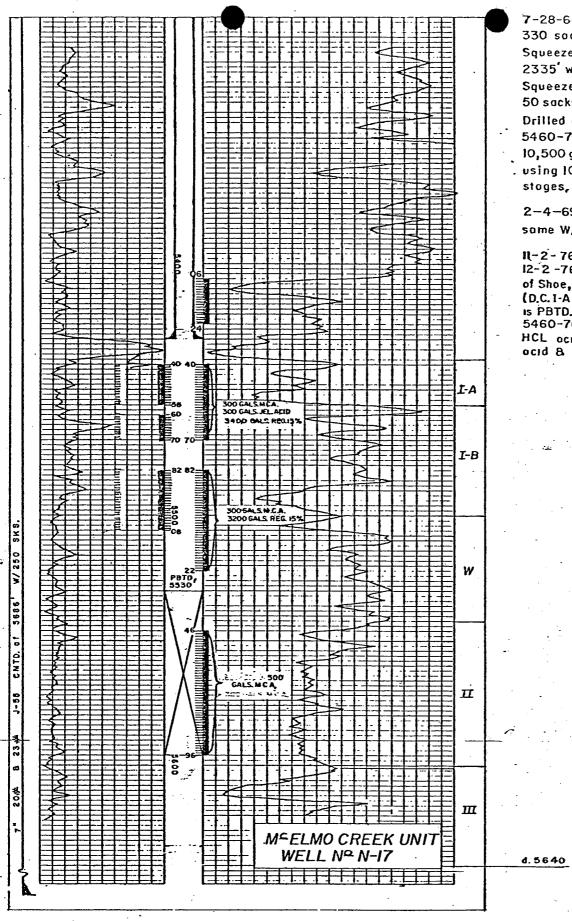
Orig. + 3 - USGS, State (2), J. K. Lawson, W. N. Mosley, J. M. Moter, D. H. Collins, W. J. Mann, Nav. Tribe *See Instructions on Reverse Side

WIO, File

INITIAL WELL TEST

McELMO CREEK UNIT # N-17

DATE	May 21, 1958
OIL BBL/DAY	2330
OIL GRAVITY	42.6
GAS CU.FT/DAY	2,330,000/CF
GAS-OIL RATIO CU/FT/BBL_	1000
WATER BBL/DAY	0
PUMPING/FLOWING	F
CHOKE SIZE	3/4
FLOW TUBING PRESSURE	



7-28-66: Squeezed all perfs with 330 sacks cement.
Squeezed hole in casing at 4245 8: 2335 with 100 sacks cement each.
Squeezed hole in casing at 2335 with 50 sacks cement.
Drilled out to 5530 : Perfed 5440-56, 5460-70, 5482-5506. Treated with 10,500 gal 28% acid in 2 stages, using 1000 # moth balls between stages,

2-4-69: Perfed 5406-24. Treated same W/4000 gals 28% acid.

II-2-76: Test Csg for leaks=2317-347 I2-2-76: Ran 4½ Csg liner to 5430 % of Shoe, Cmtd w/1,000 sx and Sqzd all E (D.C.I-A B B, B Ismay) Drld out Cmt, 5: IS PBTD. Reprfd I-B o' 5482-5506, I-5460-70 B 5440-56, Sptd 1,000 gat HCL acid across reprfs, S.W. pad,2500 acid B S.W. flush. I2-I4-76: Injects

McELMO CREEK UNIT
THE SUPERIOR OIL CO. OPERATOR

 12-22-77- Revision

Water Injection Well No. N-17

REV. 3-19-69

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

- (a) Well Data Sheets.
- (b) (1) Plat #1.

(2) Well Data Sheets.

(3) Well Data Sheets & Logs. (4)

water sand.

ň

- i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh
- ii. Maximum Surface Pressure: 2800 psig. Maximum Rate: 4000 BWPD.

FORMATION	DEPTH	LITHOLOGY
Chinle DeChelly Organ Rock Hermosa Upper Ismay Lower Ismay Gothic Desert Creek Chimney Rock	1300' avg. 2350' avg. 2600' avg. 4400' avg. 5300' avg. 5370' avg. 5450' avg. 5460' avg.	Shale Sandstone Shale Limestone Limestone Limestone Shale Limestone Shale

- (5)
- (i) A throttling valve is installed on the wellhead to control injection rates and pressures.
- (ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.
- (iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5 Ca: 13770 ppm S04: 25 ppm CL: 16700 ppm Mg: 11421 ppm H2S: 30 ppm Fe: 3 ppm HCO3: 109.8 ppm 5a: -

CaCO3: 18470 ppm CO3: - Specific

Gravity: 1.0553

McElmo Creek Unit

- (5) Cont.
 - (iv) The injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.
 - (v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.
 - (vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

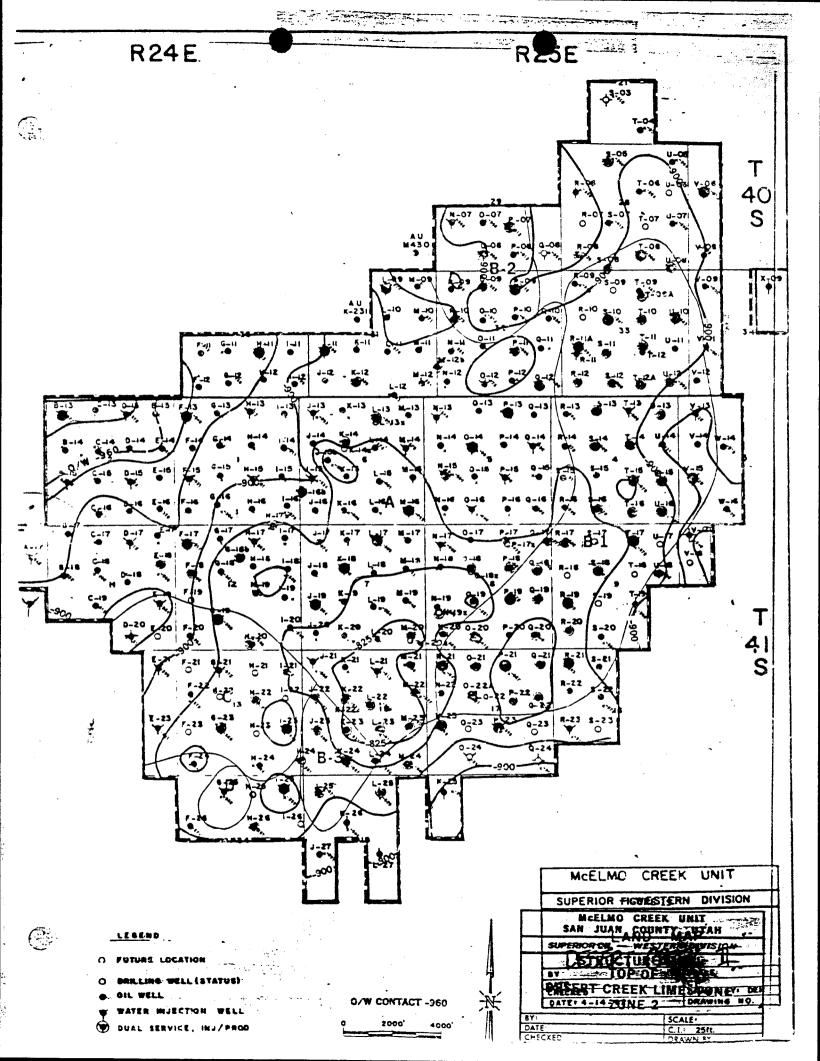
 PH: 6.6 Ca: 17410 ppm SO4: 33 ppm

 CL: 34800 ppm Mg: 11518 ppm H2S: 10 ppm

 Fe: 1.5 ppm HCO3: 48.8 ppm Ba:
 CaCO3: 22150 ppm CO3:
 Specific
 Gravity: 1.0902
- To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) N/A.

2

(10) N/A.



THE SUPERIOR OIL COMPANY - 36 .55075% SEE OTHERS ON BACK

MC ELMO CREEK UNIT #N-17

WATER INJECTION WELL

810' FNL, 660' FWL NW NW Sec. 8, T41S, R25E San Juan County, UTAH

FIELD:

MC ELMO CREEK

KB: 4680'

DF: 4679'

GL: 4669'

'TD: 5688'

PBTD: 5530'

TLD: 10.00*

TOC: Surface

SPUDDED:

4-5-57

COMPLETED:

5-21-57

INJECTION ZONE: Desert Creek Zone 1

PERFS:

Zone 1 5440-56', 5460-70', 5482-5506'

(2 Jets/ft)

CASING:

16" 53.1# S.W. Armoo w/110 Sx.

. 80

10-3/4" 32.75# H-40 & 40.50# J-55 ST&C w/900 Sx. 40 Jts. 1302"

7" 20# J-55 & 23# N-80 S<&C w/250 Sx.

163 Jts.

5686'

45" 11.6# K-55 8R w/1000 Sx.

170 Jts.

5430'

TUBING:

2-3/8" J55 Nu-Lok w/TK-75, 5418!. Avg. jt. length 29.7'

PACKERS:

Baker Lok-Set @ 5414.

MPG. EOUIP:

Injection Equipment

REMARKS:

WELL HEAD:

6" Ser. 900 Cameron Type F.

5-57

Perf'd 5546-96', treated w/500 gal mud acid. Shut-in, no market.

1-8-58

Began producing.

5-22-58

Perf'd 5482-5522', treated w/3200 gal. 15% acid. Max pressure 3900#_

ISIP 0#. Perf'd 5440-70', treated w/3400 gal. 15% acid.

7-28/8-5-66

Squeezed all perfs. Squeezed casing holes @ 2335' & 4245'. Perf'd 5440-56', 5460-70', 5482-5506', treated w/10,500 gal. 28% acid. Final pressure 5000#, ISIP 3100#.

11-2/12-10-76

Found holes in 7" csg. 2317-3479'. Ran new 45" csg. to 5430'. Perf'd Zone 1 5440-56', 5460-70', 5482-5506', treated w/2500 gal. acid. 3300#, ISIP 2200#. Converted to water injection.

C/O from 2-7/8" to new string of 2-3/8" tbg.

4. 5.

6.

SIGNED

APPROVED BY

RIH w/ 90' tbg. tail, pkr. & workstring.

(a) Pump 1250 gals., 28% HCL. (b) Pump 1000 gals. salt TDA plug.

between.

18. I hereby certify that the foregoing is true and correct

Subsurface Safety Valve: Manu. and Type

Roberto

ROBERTO DENTI

CONDITIONS OF APPROVAL, IF ANY:

MIRU acidizing unit. Pump 8000 gals. of 28% HCL as follows:

TITLE ENGINEER

TITLE

(This space for Federal or State office use)

See Instructions on Reverse

(c) Pump 5500 gals. retarded acid in three stages w/ salt TDA plugs in

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42–R1424
UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE 14-20-603-263
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME McELMO CREEK UNIT
1. oil gas well other WATER INJECTION	9. WELL NO.
2. NAME OF OPERATOR SUPERIOR OIL COMPANY	#N-17 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR P.O. DRAWER 'G', CORTEZ, COLORADO 81321	GREATER ANETH 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	AREA SEC. 8, T41S, R25E SEC. 8
AT SURFACE: 810' FNL, 660' FWL AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same	12. COUNTY OR PARISH 13. STATE SAN JUAN
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	14. API NO. 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
in the second se	15. ELEVATIONS (SHOW DF, KDB, AND WD) DF: 4679
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE XXI REPAIR WELL PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zone
MULTIPLE COMPLETE	change on Form 9-330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is demeasured and true vertical depths for all markers and zones pertinent	e all pertinent details, and give pertinent dates, irectionally drilled, give subsurface locations and it to this work.
1. MIRU. NU & test BOP's.	OF UTAH DIVISION OF
2. Kill well w/ heavy salt water.	OIL, GAS, AND MINING
3. Release pkr. POOH w/ tbg. & pkr.4. RIH w/ csg. scraper down to 5420'. POH w	BY:

Hang tail at 5504

DATE _

(Cont. on back)

1983

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Set @ _

Sept.

DIV. OF OIL, GAS & MINING

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	General: This form is designed for submitting proper Indian lands pursuant to applicable Federal law and reginegulations. Any necessary special instructions concerning procedures and practices, either are shown below or will	Item 4: If there are no applicable State requirements,	State or Federal office for specific instructions.	In addition, such proposals and reports should include deason fluid contents not sealed off by cement or otherwise; deaths (above plugs; amount, size, method of parting of any casingly conditioned for final inspection looking to approval of the abo		_	· «	: -	_•	•						•	
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about the project

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

UIC Forms Completed Plat including Surface Owners. Leasaholders. and wells of available record Schematic Diagram Fracture Information Pressure and Rate Control Adequate Geologic Information Fluid Source Analysis of Injection Fluid Analysis of Water in Formation to be injected into Known USDW in area Number of wells in area of review Prod. 6 P&A O Water O Inj. 3 Aquifer Exemption Yes No Date 10-15-53 Type Waln Taxon	unty: 50	an July	415 R 256	Sec	8 API#	<u> </u>	<u> 18</u> 57
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Form 5-331

Sport State Control of the Control o	orm 5-371 Dec. 1973
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rain we care in the control of the c	cithet)
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SCNUTTED DESERBERS TENSOR	5347'. Pressured csg to 1000 psi.
PS 1 okr values of provider of	10.00 - Miles Flower Food 10.00 min Secure 20.00 min 10.00
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DKH HIS THE STATE OF THE PROPERTY &	10-10-83: 8led down well. POH w/ worstring
O indipite 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	pkr. 60 ROP's. Circulateevennulus
Structure of the struct	wellhead. Fkr leaked. POM w/ tbq /
S Cores de la	(fu
Section 1	Subsurface Safety Valvet Warnu, and Type
s de ed est	Σ
m is to	18. Theraby certify that the foregoing is true and correct \square
General: This form is designed for submitting proposals to performing heres and particles, either are shown below'or will the issued by, lead at the second procedures and practices, either are shown below'or will the issued by, lead or Federal office for specific instructions. Item 17: Proposals to abandon a well and subsequent reports of a line addition, such proposals and reports should include reasons for the above plugs; amount, size, method of parting of any casting, liner or to conditioned for final inspection looking to approval of the abandonment of the abandon of the	10-5-83: MIRU Workover Fig. Bled Weyl to pt 10-6-83: Released pkr. PCH w/ tbg. HRIH w/ 5420'. POH w/ scraper. Rpj w/ 3 j packer & 50 jts 2-3/8" tbgg 10-7-82: PIH w/ 2-3/8" workstring. Wail at 5347'. Pressured csg to 1000 psi. ISIP - 2300 psi. 15 min SiP - 2050 lookstring. Fewlsified actor flowing workstring. Emulsified actor flowing 10-10-83: 8led down well. POH w/ wortstring pkr. RD 80P's. Circulated annulus wellhead. Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked. POH w/ tbg 8 wibsurge Safety Wavestrand and Fkr leaked actor for Federal actor of Fkr leaked actor for Fkr leaked actor fo
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*orm 3160-5 .dovember 1983) Formerly 9-331)

UNITED STATES SUBMIT IN THE DEPARTMENT OF THE INTERIOR Verse aide!

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985
BASS DESIGNATION AND BREAL DO.

BUREAU OF LAND MANAGEMENT	14 20 CO2 OC2
SUNDRY NOTICES AND REPORTS COME TO BE THE SUMPLE OF SUMP	N WELLS CE to a different reservoir.
	NAVAJO
VELL D STEEL WIN	MCELMO CREEK
2 PANE OF OPERATOR	S. PARM OR LEADE HAME
SUPERIOR OIL COMPANY, through its	Agent. MOBIL OIL CORP. MCELMO CREEK UNIT
P. O. DRAWER 'G', CORTEZ, COLORAD	N 81321
6. LOCATION OF WELL (Report location clearly and in accordance with any i	State requirements." 10. FIRLD AND POOL, OR WILDCAT
At surface	GREATER ANETH
810' FNL, 660' FWL	11. SPC., T., R., M., OR BLK. AND SURVEY OR ARBA
010 THE	Sec. 8, T41S R25E
14. PERMIT NO. 18. BLEVATIONS (Show whether Dr.	RT, GR, etc.) 12. COURTY OR PARISH 18. STATE
43-037-15514	GL: 4670' SAN JUAN U
16. Check Appropriate Box To Indicate N	ature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:	Subsectent Execut &s:
TEST WATER BEUT-OFF PCLL OR ALTER CASING	WATER SHUT-OFF REPAIRING WELL
PRACTURE TREAT MULTIPLE COMPLETE	PRACTURE TREATMENT ALTERING CASING
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING ABANDONMENTO
(Other) Build Cathodic Protection Syst	(Other) [More: Report results of multiple completion on Well
27 AMERICAN CONTROLL OF CONTROLL OF CONTROLL OF CONTROL	Completion or Recompletion Report and Log form.)
ment to this work.) *	details, and give pertinent dates, including estimated date of starting an ions and measured and true vertical depths for all markers and sones perti-
The Superior Oil Company	
Began Drilling: 4/5/57	FEB 1 0 1986
Finished Drilling: 5/21/57	FEB 10 1986 (a)
	DIVISION OF
	OIL, GAS & MINING
To maximize effective corrosion control of met ground, Mobil Oil Corporation, Agent for Super electrified cathodic protection system consist to an above ground rectifier which has a lead	rior Oil Company, proposes to construct an Ting of a subsurface graphite anode bed connec
The construction will consist of a trench, 140 pit area of the well location. All construction well location. Existing electrical power to system.	on will be confined to existing disturbed area
\sim	
18. I hereby certify that the foregoing is true and correct	Sr. Regulatory Engineer 2/4/86
BIGNED C. J. Benally C. ATITLE	DATE
(This space for Federal or State office use)	
APPROVED BY TITLE	DATE

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with <u>Mobil Exploration and Producing North America Inc. (MEPNA)</u>, which is also a wholly cwned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

CNE/rd CNE8661

R. D. Baker Environmental Regulatory Manager

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WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2) FOR THE CORTEZ SUPERVISOR AREA FOR THE GREATER ANETH FIELD 05/13/86

						3		•		
PROPERTY NAME	WELL NAKE	COUNTY	STATE	SEC TWASHP RAG	WELL TYPE	A	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT MUMBER
NC ELHO CREEK	N-11	SAN JUAN	UT	NW SE 32-40S-25E	INJ	0P	43-037-15965	14-20-603-372		96-004190
	N-13 V	JAN JUAN	UT	NW NW 05-415-25E	LNI			14-20-603-372		96-004190
	N-15	SAN JUAN	UT	SW NW 05-415-25E	INJ			14-20-603-372		76-004190
	N-17	'SAN JUAN	UT	NW NW 08-415-25E	INJ	0P	43-037-05597	14-20-603-263		96-004190
	N-19~	JAN JUAN	IJΤ	NW SW 08-415-25E	LKI			14-20-603-253		96-004199
	N-21 V	SAN JUAN	UT	NW NW 17-413-25E	INJ	0F	43-037-05492	14-20-603-263		96-604198
		SAN JUAN	UT	NW SW 17-41S-25E	INJ	0P	43-037-16364	14-20-603-263		96-004190
		SAN JUAN	UT	SE SW 32-405-25E	LMI	OP	43-037-16371	14-20-603-372		96-604190
		SAN JUAN	VT	SE NW 05-413-25E	INJ	0P	43-937-16365	14-20-603-372		76-004190
	0-16	SAN JUAN	UT	SE SW 05-415-25E	LWI	OP	43-037-15969	14-20-603-372		96-664190
	0-18	SAN JUAN	IJŢ	SE NW 08-415-25E	INJ	ОP	43-037-05585	14-20-603-263		76-094170
		HAUL MAZ	UT	NW SE 29-403-25E	INJ	0P	43-037-05828	I-149-IND-8839-A		96-004190
		SAN JUAN	UT	NW NE 32-408-25E	IHJ	<u>ე</u> P	43-037-16367	14-20-603-372		96-394179
		SAN JUAN	UT	NW SE 32-405-25E	INJ	OP	43-037-15971	14-20-603-372		96-004190
		SAN JUAN	UT	NU NE 05-415-25E	INJ	ОP	43-037-16368	14-20-603-372		76-004190
	Ψ,	SAN JUAN	UT	N₩ SE 05-418-25E	INJ	GP	43-637-16340	14-20-603-372		96-004190
		SAN JUAN	UT	NW NE 08-415-25E	LWI	OP	43-037-15976	14-20-603-263		96-004190
	_	MAUL MAZ	UT	NW SE 08-415-25E	LMI	OP	43-037-05555	14-20-603-263		96-004190
		SAN JUAN	UT	NW NE 17-418-25E	LKI	02	43-937-95487	14-20-603-263		96-004190
		NAUL MAZ	UT	NW SE 17-41S-25E	INJ	OP'	43-037-1,6370	14-20-603-263		96-004196
		NAUL MAZ	UT	SE SE 32-40S-25E	LWI	OP	43-037-05720	14-20-603-372		96-004199
		SAN JUAN	UT	SE NE 05-415-25E	INJ	0P	43-637-15974	14-20-603-372		96-004190
		MAUL MAZ	UT	SE SE 05-41S-25E	LWI	0P	43-037-15975	14-20-693-372		96-004190
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		SAN JUAN	UT	NW-NU 16-415-25E	LNI	OP	43-037-16374	14-20-603-359		76-094190
	R-23 ✓	SAN JUAN	UT	NU SW-16-415-25E	INJ	ΟP	43-037-15977	14-20-603-357		96-004190



UTAH DIVISION OF OIL, GAS AND MINING CASING-BRADENHEAD TEST



OPERATOR:	MEP	NA				
FIELD: breat	er A	neth	•	LEASE:	McElmo C	reek
WELL #	17	(114.	-1)		TOWNSHIP 4/5	
STATE FED. I		гн <u> 5688</u> 5530	TYI	PE WELL TA		PRESS. 280005
TEST DATE	9/10	186			(, 000
CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	16"	<u>80'</u>	110 _{5×}	_40+	Slowly increase	
INTERMEDIATE	103/4	1302	9005x		Slowly increased 40 # ble w	down / 1/4
PRODUCTION	7"	5686	2 <u>50 sx</u>			
	41/2"	5430	1000 SX	-	_ cum	909664
TUBING	23/8	5418		1950#		
Baker	Lot-Sa	± 5414		DDECCIDE		
CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	•				-	
INTERMEDIATE						
PRODUCTION						
	<u>·</u>					
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				Doccume		
CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE				· · · · · · · · · · · · · · · · · · ·		
INTERMEDIATE						
PRODUCTION						
TUBING						

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No. 14-20-603-263

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals				
SUBMIT IN TRIPLICATE				
	8. Well Name and No. N-17			
	9. API Well No.			
(045) 000 0505	43-037-15514 10. Field and Pool, or Exploratory Area			
P.O. BOX 633, MIDLAND, TX 79702 (915) 688-2585 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				
escription)	GREATER ANETH 11. County or Parish, State			
C 8 T 415 R 25 E	SAN JUAN, UTAH			
s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA			
TYPE OF ACTIO	N			
Abandonment	Change of Plans			
Plugging Back	New Construction Non-Routine Fracturing Water Shut-Off			
Altering Casing Other	Conversion to Injection Dispose Water			
all pertinent details, and give pertinent dates, including estimated date of star cal depths for all markers and zones pertinent to this work.)*	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
	IN TRIPLICATE (915) 688-2585 escription) C 8 T 415 R 25 E s) TO INDICATE NATURE OF NOTICE, REPO TYPE OF ACTION Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Il pertinent details, and give pertinent dates, including estimated date of stars			



JAN 03 1994

61001.4 0 0 1))4			
DIVISION OF OIL, GAS & MINING			
Date 12/29/93			
Date			

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

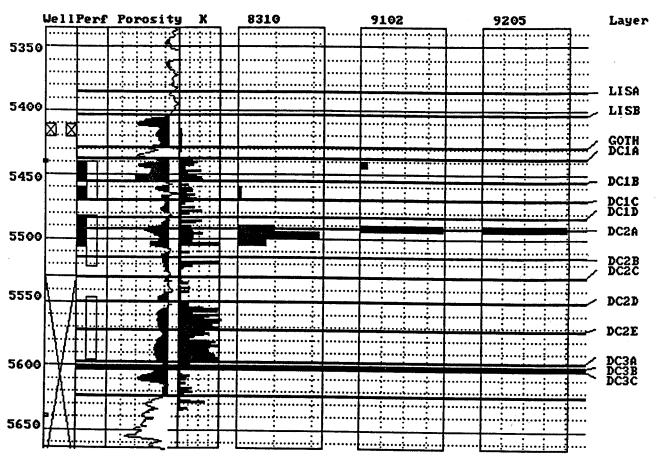
McElmo Creek Unit N-17 Workover Procedure

- Dig. line and fence a 100+ bbl earth pit. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpacks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing to water injection line. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to earth pit. Stake and chain flowline down. PT coiled tubing to 6000 psi using injection water.
- 2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBTD at 5530' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, neutralizing any unspent acid that returns to pit. If unsuccessful in cleaning well out, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
- 3. MIRU wireline unit with lubricator. RIH with 1-11/16" GR/CCL and log from PBTD through injection packer. POH. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized hollow steel carrier perforating guns loaded with 3.2 gram RDX charges at 4 SPF, 0 degree phasing and perforate 5440'-5470'. POH. RDMO wireline.
- 4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle and spot 5 bbls of xylene across perforations. Let soak for 1 hour. Displace with fresh water. Wash only perforations at 5440'-5470' without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
- 5. Pump out and backfill pit. Turn well over to production leaving well shut in.



DATE_05/2	PROJECT_N-17	MEEIn	no Creek Unit	_PAGEOF
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	7 2318 Tubing Sub S.C. 851	8.09	Total Volume To las	
		t - and aspect of the		
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			d/01	
PBTD		1.		p S.C. 851 27/1E4
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5330	22,/38# Hole Full	' <u></u>	Blowing to hard. Chi	
			04/03	
		. [Finish Auaning Tub	ing.Sp
	15,000 pt = 24" Slackoff	1		

PROFILE HISTORY McElmo Creek Unit N-17



PROFILE NOTES:

9205 Profile: CO2 injection profile

PROFILE HISTORY:

8310 9102 9205		LISA	LISB	LSWA1	LSWA2	7.9	3.4	DC1C	DC1D	LSWB1	LSWB2	96.6 92.1 100.0	DC2B	DC2C	DC2D	DC2E	DC3A	DC3B	DC3C	DC30 Unknown
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Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**



FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE 1. Type of Well Gas Ga	Do not use this form for proposals to drill or	r to deepen or reentry to a different reservoir. PERMIT - " for such proposals	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL	B
Section Sect	····	IN TRIPLICATE	•	
3. Address and Telephone No. P. O. 633, MIDLAND, T79702 (915) 688-2585 10. Field and Pool, or exploratory Area (EREATER ANDITH 810° FNL, 660° FWL; SEC 8, T41S, R2SE 11. Country or Purish, State SAN JUAN UT 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF ACTION Abundonment Subsequent Report Final Abundonment Notice Abundonment Notice Subsequent Report Final Abundonment Notice Cheer's WORKOVER Dispose Water Non-Routine Finaturing New Construction Non-Routine Finaturing Water State Off Abundonment Notice Subsequent Report Other WORKOVER Dispose Water Other WORKOVER Dispose Water Other WORKOVER Other Work OTHER DATA OTHER WORKOWS Total CHECK APPROVED AND OTHER DATA OTHER DATA The work Other Work OTHER DATA The work Other Work OT	Oil Gas Well Other 2. Name of Operator	AS ACENT FOR MODIL ON CORPORATION	MCELMO CREEK UN N-17	7
P. O. 633, MIDLAND, TX 79702 4. Location of Well (Footage, S.c., T., R. M., or Survey Description) 510° FNL, 660° FWL; SEC 8, T41S, R2SE 11. Country or Parish, State 5AN JUAN UT 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Notice of Intent Recompletion Non-Routine Fracturing Plagging Bock Plagging Bock Non-Routine Fracturing Well State-Off Aberring Claring Other WORKOVER (Non-Report mouts of multiple completions (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directlessal comes pertinents to this work.)* 03-03-94 MIRU. TAG PBTD © 5506°. PERF 5440-70 W/6 SPF. 03-07-94 CIRC FRESH WATER. SPOT 5 BBLS XYLENE ACROSS PERFS @5440-70°. WASH PERFS W/60 BBLS 14. I hereby coptify that the foregoing is true and cogreet. Signod Title ENV. & REG. TECHNICIAN Date Date Date ABACHANA Date OA/04/94 Title Date ABACHANA THE Date Date		, AS AGENT FOR MOBIL OIL CORPORATION		
810° FNL, 660° FWL; SEC 8, T41S, R25E 11. County or Parish, State SAN JUAN UT 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abaudonment Recompletion New Construction Non-Rotting Friedring Back Non-Rotting Friedring Final Abaudonment Notice Casing Repair Water Shot-Off Altering Casing Repair Water Shot-Off Altering Casing Repair Water Shot-Off Altering Casing workfore Dispose Water Shot-Off Office Report and Lor Conspictor of Recomplistic Completion of Parish Shot Off Office Report Water Shot-Off Office Report Water Shot-Off Office Report Water Shot-Off Office Report Water Shot-Off Office Report red and Tome pertinent dates, including estimated date of starting any proposed work. If well is directional give subseruface locations and measured and true vertical depths for all markens and zones pertinent to this work.)* 3. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directional give subseruface locations and measured and true vertical depths for all markens and zones pertinent to this work.)* 3. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directional give subseruface locations and measured and true vertical depths for all markens and zones pertinent to this work.)* 3. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directional give subseruface locations and measured and true vertical depths for all markens and zones pertinent to this work.)* 3. Describe Proposed or Completed Operations (Clearly State of	P. O. 633, MIDLAND, TX 79702		10. Field and Pool, or exploratory A	Lrea
TYPE OF SUBMISSION TYPE OF ACTION Notice of latent		• /		
TYPE OF SUBMISSION Notice of Intent			SAN JUAN (JT
Notice of Intent	12. CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REPORT	, OR OTHER DATA	
Recomplation New Construction New Construction New Construction New Construction Non-Routine Fracturing Registry Recomplation New Construction Non-Routine Fracturing Non-Routin	TYPE OF SUBMISSION	TYPE OF ACTION		
Subsequent Report	Notice of Intent	Abandonment	Change of Plans	
Plauging Back	₹	Recompletion	New Construction	
Abering Casing Conversion to Injection Other WORKOVER Dispose Water (Note: Report results of mattiple completion Compilated Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directional give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 03-03-94 MIRU. TAG PBTD @ 5506'. PERF 5440-70 W/6 SPF. 03-07-94 CIRC FRESH WATER. SPOT 5 BBLS XYLENE ACROSS PERFS @5440-70'. WASH PERFS W/60 BBLS 15% ACID. 14. I hereby ceptify that the foregoing is true and correct Signed W. Jurna for Shully Local Title ENV. & REG. TECHNICIAN Date (This space for Federal or State office use) Approved by	Subsequent Report	Plugging Back	Non-Routine Fracturing	
Abering Casing Other WORKOVER Dispose Water (Note: Report results of multiple completion Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directional give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 03-03-94 MIRU. TAG PBTD @ 5506'. PERF 5440-70 W/6 SPF. 03-07-94 CIRC FRESH WATER. SPOT 5 BBLS XYLENE ACROSS PERFS @5440-70'. WASH PERFS W/60 BBLS 15% ACID. 14. I hereby costify that the foregoing is true and correct Signed Library for Shirlar Doll Title ENV. & REG. TECHNICIAN Date O4/04/94 [Chis space for Federal or State office use] Approved by	Final Ahandonment Notice	Casing Repair	Water Shut-Off	
Close: Report results of multiple completion: Consoletion (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directional give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 03-03-94 MIRU. TAG PBTD @ 5506'. PERF 5440-70 W/6 SPF.	I mai ribandomicati rocce		Conversion to Injection	
14. I hereby certify that the foregoing is true and correct Signed			(Note: Report results of multiple complet	Los form
(This space for Federal or State office use) Approved by Title Date	03-07-94 CIRC FRESH WATER. SPOT 5 B 15% ACID. 14. I hereby certify that the foregoing is true and correct	BLS XYLENE ACROSS PERFS @5440-70'. WASH PERF		
Date - Date		Title ENV. & REG. TECHNICIAN	Date	
81814	•• • • • • • • • • • • • • • • • • • • •	Title	Date Javere	W
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent states	Title 19 IJ S.C. Sention 1001 makes in a district form	be only about millether as the second	8/8/	W _

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

[]	Well File (Location) SecTwpRng (API No.)	(Return Date) (To - Initials)	
1.	Date of Phone Call: 8-3-95	Time:	
2.	DOGM Employee (name)L. Contact Talked to: NameR. J. FIRTH of (Company/Organization)	_ (Initiated Call 🗱) - Pl	none No. ()
3.	Topic of Conversation: MEPI		·
4.	Highlights of Conversation: OPERATOR NAME IS BEING CHANGED NORTH AMERICA INC) TO MOBIL EXP THIS TIME TO ALLEVIATE CONFUSION *SUPERIOR OIL COMPANY MERCED IN	FROM M E P N A (MOBIL EX LOR & PROD. THE NAME CH N, BOTH IN HOUSE AND AMO	PLORATION AND PRODUCING LANGE IS BEING DONE AT ONGST THE GENERAL PUBLIC.
	*SUPERIOR OIL COMPANY MERGED IN	10 M E T N A 4-24-86 (SE	L ATTACHED).

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

Environmental Regulatory Manager

CNE/rd CNE8661

	on of Oil, Gas and Mining TOR CHANGE HORKSHEET				Rouding:
	all documentation received by the division regardi I each listed item when completed. Write N/A if it	-	able.		2-LWP 8-SJ 3-PPS 9-FILE 4-VLC
	nge of Operator (well sold) ignation of Operator XXX 0	Designation of Operator Name			5-RJF / 6-LWP /
The op	perator of the well(s) listed below has (changed (EFFE(CTIVE DATE:	8-2-95)
	ew operator) MOBIL EXPLOR & PROD (address) C/O MOBIL OIL CORP PO DRAWER G CORTEZ CO 81321 phone (303) 564-5212 account no. N7370	FROM (former		M E P N A C/O MOBIL O PO DRAWER G CORTEZ CO phone (303 account no.	31321 564–5212
	S) (attach additional page if needed):				
Name: Name: Name: Name: Name:	** SEE ATTACHED ** API:	Entity:Entity:Entity:Entity:Entity:Entity:	SecTwp SecTwp SecTwp SecTwp SecTwp	0Rng	ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:
N/A 1.	FOR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or other <u>leg</u> operator (Attach to this form).				
<u>N/A</u> 2.	(Rule R615-8-10) Sundry or other <u>legal</u> (Attach to this form).	documentation	n has been	received fro	m <u>new</u> operator
<u>N/A</u> 3.	The Department of Commerce has been coroperating any wells in Utah. Is compayes, show company file number:	ntacted if the any registere	e new opera d with the	tor above is state? (yes	not currently /no) If
1	(For Indian and Federal Hells ONLY) To (attach Telephone Documentation Form comments section of this form. Manage changes should take place prior to comp	to this rep ement review eletion of ste	ort). Make of Federal ns 5 throug	e note of l and Indian	BLM status in well operator
Le 5.	Changes have been entered in the Oil ar listed above. $(8-3-95)$	nd Gas Informa	ation Syste	m (Wang/IBM)	for each well
<u>w</u> 6.	Cardex file has been updated for each w	ell listed ab	ove. 8_31_9	r	
₩7.	Well file labels have been updated for	each well lis	ted above.	9-28-95	· ,
ec 8.	Changes have been included on the mont for distribution to State Lands and the	hly "Operator Tax Commissi	, Address, on. <i>(8395)</i>	and Account	Changes" memo
Lico.	A folder has been set up for the Opera placed there for reference during routi	tor Change fi ng and proces	le, and a c sing of the	copy of this original do	page has been cuments.

OPERATOR CHANGE HORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
ENTITY REVIEW
(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/ho) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
NA 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VERIFICATION (Fee wells only) & No Fee Leese Wells of this fine!
1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE INTEREST OHNER NOTIFICATION RESPONSIBILITY
1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated
2. Copies of documents have been sent to State Lands for changes involving State leases.
FILMING
1. All attachments to this form have been microfilmed. Date: October 4 1995.
FILING
1. Copies of all attachments to this form have been filed in each well file.
2. The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMENTS
950803 WIC F5/Not necessary!

WE71/34-35

Page No. 2 08/03/95

STATE OF UTAH INVENTORY OF INJECTION WELLS

	ATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
	*****	*****	*****	***	* * *	**	*****	******
MEPNA	(MOBIL	43-037-30974	G-21A	41S	24E	13	INJW	Y
MEPNA	(MOBIL	43-037-16344	E-23	41S	24E	14	INJW	Y
MEPNA	(MOBIL	43-037-16343	E-21	41S	24E	14	INJW	Y
MEPNA	(MOBIL	43-037-16353	I-25	41S	24E	24	INJW	Y
MEPNA	(MOBIL	43-037-16349	G-25	41S	24E	24	WLNI	Y
✓ MEDNA	(MOBIL	43-037-16384	V-15	41S	25E	3	INJI	Y
MEPNA	(MOBIL	43-037-16383	V-13	41S	25E	3	INJW	Y
MEPNA	(MOBIL	43-037-16157	U-16	41S	25E	4	INJW	Y
✓MEPNA	(MOBIL	43-037-16148	R-13	41S	25E	4	INJW	Y
MEPNA	(MOBIL	43-037-16149	R-15	41S	25E	4	INJW	Y
i MEPNA	(MOBIL	43-037-16378	T-13	41S	25E	4	INJW	Y
MEPNA	(MOBIL	43-037-16379	T-15	41S	25E	4	INJW	Y
MEPNA	(MOBIL	43-037-16156	U-14	41S	25E	4	INJW	Y
MEPNA	(MOBIL	43-037-16152	S-16	41S	25E	4	INJW	Ÿ
MEPNA	(MOBIL	43-037-16151	S-14	41S	25E	4	INJW	Ÿ
MEPNA	(MOBIL	43-037-16365	O-14	41S	25E	5	TN.TW :	Ÿ
MEPNA	(MOBIL	43-037-15969	0-16	41S	25E	5	INJW	Ϋ́
MEPNA	MOBIL	43-037-16363	N-15	41S	25E	5	INJW	Y
MEPNA	MOBIL	43-037-15966	N-13	41S	25E	5	INJW	Ϋ́
MEPNA	(MOBIL	43-037-15975	Q-16	41S	25E	5	INJW	Y
MEPNA	MOBIL	43-037-15974	Q-14	41S	25E	5	INJW	Y
MEPNA	MOBIL	43-037-15972	P-15	41S	25E	5	INJW	Y
MEPNA	(MOBIL	43-037-16368	P-13	41S	25E	5	INJW	Y
MEPNA	(MOBIL	43-037-15960	L-15	41S	25E	6	INJI	Y
MEPNA	(MOBIL	43-037-16355	J-13	41S	25E	6	INJW	Y
MEPNA	(MOBIL	43-037-15959	L-13	41S	25E	6		
MEPNA	(MOBIL	43-037-15963	M-14	41S	25E	6	INJW	Y
MEPNA	(MOBIL	43-037-15957	K-16	41S	25E		INJI	Y
MEPNA	(MOBIL	43-037-15954	J-15			6	INJI	Y
✓MEPNA	(MOBIL	43-037-15956	K-14	41S	25E	6	INJI	<u>Y</u>
MEPNA	(MOBIL	43-037-15350	M-16	41S	25E	6	WLNI	Y
MEPNA	(MOBIL	43-037-15361		41S	25E	6	INJW	<u>Y</u>
MEPNA	(MOBIL	43-037-15511	J-17	41S	25E	7	INJW	Y
✓ MEPNA	(MOBIL	43-037-15511	M-20	41S	25E	7	WLMI	Y
MEPNA	(MOBIL		M-18	41S	25E	7	WLMI	Y
	•	43-037-15505	L-19	41S	25E	7	INJW	Y
✓MEPNA ✓MEPNA	(MOBIL	43-037-16360	L-17	41S	25E	7	INJW	Y
MEPNA	(MOBIL	43-037-15503	K-20	41S	25E	7	INJW	Y
•	(MOBIL	43-037-16357	K-18	41S	25E	7	INJW	Y
MEPNA	(MOBIL	43-037-16356	J-19	41S	25E	7	INJW	Y
MEPNA	(MOBIL	43-037-15519	P-17	41S	25E	8	INJW	Y
MEPNA	(MOBIL	43-037-15515	N-19	41S	25E	8	INJW	Y
MEPNA	(MOBIL	43-037-15514	N-17	41S	25E	8	INJW	Y
MEPNA	(MOBIL	43-037-15520	P-19	41S	25E	8	INJW	Y
MEPNA	(MOBIL	43-037-15517	O-18	41S	25E	8	INJW	Y
MEPNA	(MOBIL	43-037-16373	R-19	41S	25E	9	INJW	Y
MEPNA	(MOBIL	43-037-15976	R-17	41S	25E	9	INJI	Y
MEPNA	(MOBIL	43-037-16380	T-17	41S	25E	9	INJW	Y
MEPNA	(MOBIL	43-037-16374	R-21	41S	25E	16	INJW	Y
MEPNA	(MOBIL	43-037-31439	P-23A	41S	25E	17	INJW	Y
MEPNA	(MOBIL	43-037-15516	N-21	41S	25E	17	INJW	Y
MEPNA	(MOBIL	43-037-16369	P-21	41S	25E	17	INJW	Ÿ
MEPNA	(MOBIL	43-037-16364	N-23	41S	25E	17	INJW	Ÿ
MEPNA	(MOBIL	43-037-15507	L-23	41S	25E	18	WLMI	Ÿ

ExxonMobil Production Computer U.S. West P.O. Box 4358 Houston, Texas 77210-4358

June 27, 2001



Mr. Jim Thompson State of Utah, Division of Oil, Gas and Mining 1549 West North Temple Suite 1210 Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Charlotte St. Darper

Charlotte H. Harper Permitting Supervisor

ExxonMobil Production Company a division of Exxon Mobil Corporation, acting for ExxonMobil Oil Corporation

TITUDION OF OIL, CAS AND MINING



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS NAVATOREGION

P.O. Box 1060 Gallup, New Mexico 87305-1060

ALIG 3 0 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor Exxon Mobil Production Company U. S. West P. O. Box 4358 Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

CENNI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

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į	SOLID KEN TEAM
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,	LAND RESOURCES
Į	ENVIRONMENT
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ExxonMobil Production Company

U.S. West P.O. Box 4358 Houston, Texas 77210-4358

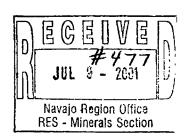
June 27, 2001

Certified Mail Return Receipt Requested

Ms. Genni Denetsone United States Department of the Interior Bureau of Indian Affairs, Navajo Region Real Estate Services P. O. Box 1060 Gallup, New Mexico 87305-1060 Mail Code 543

PS 7/12/2001

ExonMobil Production



Change of Name -Mobil Oil Corporation to **ExxonMobil Oil Corporation**

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper Permitting Supervisor

Attachments

NAVAJO REGION OFFICE BRANCH OF REAL ESTATE SERVICES

ExxonMobil Production Company a division of Exxon Mobil Corporation, acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Isasi

Charlotte U. Harper

Bureau of Indian Affairs Navajo Region Office Attn: RRES - Mineral and Mining Section P.O. Box 1060 Gallup, New Mexico 87305-1060

Ġe	nti	lem	en:	
	-,,,,	. ~		

The current listing Corporation), of	of officers and director of <u>Exx</u>	(State) is as follows:	Name of
Vice President <u>K.</u> Secretary <u>F.</u>	. Risch T. Koonce L. Reid A. Maher	Address 5959 Las Colinas Blvd. Irving, T	<u>X 75</u> 039
Name T.P. Townsel Name B.A. Maher	eys nd	Worrea	5039 5039
and in the co	the above information pertains evidenced by the records an ustody of <u>Corporation Service Corporation Serv</u>	ning toExxonMobil_Oil_Corporation(Corporation(Corporation(Corporation(Corporation(Corporation(Corporation(Corporation	

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. a. Milliam
Assistant Secretary

COUNTY OF DALLAS
STATE OF TEXAS
UNITED STATES OF AMERICA

UNITED STATES OF AMERICA

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Fanice M. Phillip Notary Public

LISTING OF LEASES OF MOBIL OIL CORPORATION

Lease Number

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

CHUBB GROUP OF INSURANCE COMPANIES

with Versill the South, Suite 1900, Rouston Texas, 77027-3301 Service (119) 227-4600 r Fersing 21 (715) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER to be attached to and form a part of

BOND NO 8027 31 97 wherein Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior Bureau of Indian Affairs

in the amount of \$150,000.00 bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001 the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Qil Corporation

FEDERAL INSURANCE COMPANY

Mary Pierson, Attorney-in-fact





Federal Insurance Company Vigilant Insurance Company Pacific Indemnity Company

Attn.: Surety Department 15 Mountain View Road Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo,

Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than ball bonds) given or executed in the course of business, and any instruments amending or attering the same, and consents to the modification or atteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this $10\,\mathrm{th}$ day of May, 2001.

Kenneth C. Wendel, Assistant Secretar

STATE OF NEW JERSEY County of Somersel

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the Secretary of FEDERAL INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the porporate seals thereof, that the seals of federal insurance Company of Atternative are such companies seals and water thereto affixed by authority of the By-Laws of said Companies; and that he that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and innover him to be President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E.

Notary Public State of New Jersey

No. 2231647

Commission Expires Qct 28 2004 ON

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or likhographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facelmile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY

the foregoing extract of the By-Laws of the Companies is true and correct,

(ii) the Companies are duly Icensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guarn, and each of the Provinces of Canada except Prince Edward Island; and

(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this $\underline{}$ 12th day of June,







IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Fax (908) 903-3656 e-mail: surety@chubb.com

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CSC

CSC.

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06/01 '01 08:46 NO.410 03/09

06/01 '01 09:06 NO.135 02/04

F010601000 187

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

OF

CSC 45

MOBIL OIL CORPORATION

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby cartify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the smendments to the Certificate of Incorporation effected by this Certificate are as follows:

- (a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:
 - "1st The comporate name of said Company shall be,
 ExtoniMobil Oil Corporation",
- (b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby smended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC CSC

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06/01 '01 08:47 NO.410 04/05

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to wore on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this <u>22nd</u> Day of May, 2001.

F. A. Risch, President

STATE OF TEXAS

COUNTY OF DALLAS

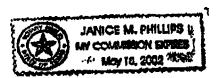
F. L. REID, being duly sworm, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 224 day of May, 2001.

[SEAL]

NOTARY PUBLIC, STATE OF TEXAS



P. 11

CSC CSC

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CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

100
STATE OF NEW YORK
DEPARTMENT OF STATE

Filed by: EXXONMOBIL CORPORATION

(Name)

---;

FILED JUN 0 1 2001

TAX \$. By:

5959 Les Colines Blvd.

(Mailing address)

Irving, TX 75039-2298

(City, State and Zip code)

578MPJ

JUL C 5 2001

010601000/95

,TEL=5184334741

06/01/01 08:19

≈> CSC

State of New York | State | State | State |

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on JUN 01 2001



Special Deputy Secretary of State

DOS-1266 (7/00)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH 2. CDW 3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed,	ettective:	06-01-2001				
FROM: (Old Operator):		TO: (New Op	perator):			
MOBIL EXPLORATION & PRODUCTION	1	EXXONMOBI		RPORATIO	N	
Address: P O BOX DRAWER "G"	1	Address: USV				
	1					
CORTEZ, CO 81321]	HOUSTON, T	X 77210-43	358		
Phone: 1-(970)-564-5212	1	Phone: 1-(713)	-431-1010	<u> </u>		
Account No. N7370	1	Account No.	N1855			
CA No.		Unit:	MCELM	O CREEK		
WELL(S)						
	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
NAVAJO C 42-6 (MCELMO CREEK M-14)	06-41S-25E	43-037-15963		INDIAN	WI	A
NAVAJO C 11-6 (MCELMO CREEK J-13)		43-037-16355		INDIAN	WI	A
NAVAJO C-2 (MCELMO CREEK M-16)	· · · · · · · · · · · · · · · · · · ·	43-037-16361		INDIAN	WI	A
NAVAJO 114-6 (MCELMO CREEK J-17)		43-037-15498		INDIAN	WI	A
MCELMO CR K-20		43-037-15503		INDIAN	WI	A
MCELMO CR L-19	07-41S-25E	43-037-15505	99990	INDIAN	WI	A
MCELMO CR M-18	07-41S-25E	43-037-15510	5980	INDIAN	WI	A
MCELMO CR M-20	07-41S-25E	43-037-15511	5980	INDIAN	WI	A
MCELMO CR J-19	07-41S-25E	43-037-16356	99990	INDIAN	WI	A
NAVAJO 114-18 (MCELMO CREEK K-18)	07-41S-25E	43-037-16357	99990	INDIAN	WI	A
NAVAJO 114-9 (MCELMO CREEK L-17)	07-41S-25E	43-037-16360	99990	INDIAN	WI	A
NAVAJO 114-1 (MCELMO CREEK N-17)	08-41S-25E	43-037-15514	99990	INDIAN	WI	A
NAVAJO 114-2 (MCELMO CREEK N-19)	08-41S-25E	43-037-15515	99990	INDIAN	WI	A
NAVAJO 114-11 (MCELMO CREEK O-18)	08-41S-25E	43-037-15517	99990	INDIAN	WI	A
NAVAJO 114-10 (MCELMO CREEK P-17)	08-41S-25E	43-037-15519	99990	INDIAN	WI	A
NAVAJO 114-4 (MCELMO CREEK P-19)	08-41S-25E	43-037-15520	99990	INDIAN	WI	A
NAVAJO J 11-9 (MCELMO CREEK R-17)	09-41S-25E	43-037-15976	99990	INDIAN	WI	A
NAVAJO J-2 (MCELMO CREEK R-19)	09-41S-25E	43-037-16373	99990	INDIAN	WI	A
NAVAJO J 31-9 (MCELMO CREEK T-17)	09-41S-25E	43-037-16380	99990	INDIAN	WI	A
NAVAJO J 11-16 (MCELMO CREEK R-21)	16-41S-25E	43-037-16374	99990	INDIAN	WI	A
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received 2. (R649-8-10) Sundry or legal documentation was received		_	on: _06/29/200	<u>06/29/2001</u> 1	L	
3. The new company has been checked through the Departm	ent of Comm	erce, Division o	of Corpora	tions Datab	ase on:	04/09/2002
4. Is the new operator registered in the State of Utah:	YES	Business Numb	er:	579865-014	13	
5 If NO the operator was contacted contacted on:	NI/A					

6.	Federal and Indian Lease Wells: The BLM and or operator change for all wells listed on Federal or Indian	or the BIA n leases on:	has approve BIA-06/01/0	d the merger	, name change,
7.	Federal and Indian Units: The BLM or BIA has approved the successor of unit op-	erator for wel	ls listed on:	06/01/2001	
8.	Federal and Indian Communization Agreem The BLM or BIA has approved the operator for all wells	ents ("CA' s listed within	'): a CA on:	N/A	
9.	Underground Injection Control ("UIC") for the enhanced/secondary recovery unit/project for the	The Division	n has approved well(s) listed	on:	Transfer of Authority to Inject, 04/16/2002 E: EPA ISSUES UIC PERMITS
D	ATA ENTRY:				
1.	Changes entered in the Oil and Gas Database on:	04/16/2002	_		
2.	Changes have been entered on the Monthly Operator Ch	ange Spread	Sheet on:	04/16/2002	
3.	Bond information entered in RBDMS on:	N/A	_		
4.	Fee wells attached to bond in RBDMS on:	N/A	_		
Sī	TATE WELL(S) BOND VERIFICATION:				
1.	State well(s) covered by Bond Number:	N/A	-		
FI	EDERAL WELL(S) BOND VERIFICATION:				
1.	Federal well(s) covered by Bond Number:	N/A	-		
IN	DIAN WELL(S) BOND VERIFICATION:				
1.	Indian well(s) covered by Bond Number:	80273197	-		
FF	EE WELL(S) BOND VERIFICATION:				
	(R649-3-1) The NEW operator of any fee well(s) listed co	vered by Bon	d Number	N/A	
2.	The FORMER operator has requested a release of liability The Division sent response by letter on:	from their box	nd on:	N/A	
LE	EASE INTEREST OWNER NOTIFICATION:			 	
	(R649-2-10) The FORMER operator of the fee wells has be of their responsibility to notify all interest owners of this ch	een contacted	and informed N/A	by a letter fron	n the Division
CC	DMMENTS:				
				-	
-					

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

R	OUTING	
1.	DJJ	1
2.	CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		6/1/2006	
FROM: (Old Operator):	TO: (New Operator):		
N1855-ExxonMobil Oil Corporation	N2700-Resolute Natura	al Resources Company	
PO Box 4358	1675 Broadway		3
Houston, TX 77210-4358	Denver, CO 802	202	
Phone: 1 (281) 654-1936	Phone: 1 (303) 534-460		
CA No.	Unit:	MC ELMO (UIC)	
OPERATOR CHANGES DOCUMENTATION			
Enter date after each listed item is completed	EODMED amagatag an	a: 4/21/2006	
1. (R649-8-10) Sundry or legal documentation was received from the		4/21/2006	
2. (R649-8-10) Sundry or legal documentation was received from the			(/7/2006
3. The new company was checked on the Department of Commerce			6/7/2006
	Business Number:	5733505-0143	
5. If NO , the operator was contacted contacted on:			
6a. (R649-9-2)Waste Management Plan has been received on:	requested		
6b. Inspections of LA PA state/fee well sites complete on:	n/a		
6c. Reports current for Production/Disposition & Sundries on:	ok		
7. Federal and Indian Lease Wells: The BLM and or the I	BIA has approved th	e merger, name change) ,
or operator change for all wells listed on Federal or Indian leases of	on: BLN	<u>M</u> n∕a <u>BIA</u>	not yet
8. Federal and Indian Units:			
The BLM or BIA has approved the successor of unit operator fo	r wells listed on:	not yet	
9. Federal and Indian Communization Agreements ("	CA"):		
The BLM or BIA has approved the operator for all wells listed v	vithin a CA on:	n/a	
10. Underground Injection Control ("UIC") The D	ivision has approved UI	C Form 5, Transfer of Aut	hority to
Inject, for the enhanced/secondary recovery unit/project for the w	ater disposal well(s) liste	ed on: 6/12/2006	
DATA ENTRY:			
1. Changes entered in the Oil and Gas Database on:	6/22/2006		
2. Changes have been entered on the Monthly Operator Change Sp	oread Sheet on:	6/22/2006	
3. Bond information entered in RBDMS on:	<u>n/a</u>		
4. Fee/State wells attached to bond in RBDMS on:	<u>n/a</u>		
5. Injection Projects to new operator in RBDMS on:	6/22/2006		
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	n/a	- N - N - N - N - N - N - N - N - N - N	- 100 Marie 1
BOND VERIFICATION:	·		
1. Federal well(s) covered by Bond Number:	<u>n/a</u>		
2. Indian well(s) covered by Bond Number:	PA002769	n/a	
3. (R649-3-1) The NEW operator of any fee well(s) listed covered b			
a. The FORMER operator has requested a release of liability from the The Division sent response by letter on:	eir bond on:n/a n/a	<u></u>	
LEASE INTEREST OWNER NOTIFICATION:			
4. (R649-2-10) The FORMER operator of the fee wells has been con	tacted and informed by	a letter from the Division	
of their responsibility to notify all interest owners of this change or			
COMMENTS:	71.6		

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT									
Well Name and Number See attached list	100.00	API Number Attached							
Location of Well Footage: See attached list	County : San Juan	Field or Unit Name McElmo Creek Unit							
QQ, Section, Township, Range:	State: UTAH	Lease Designation and Number See attached list							

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OF	PERATOR		
Company:	Exxon Mobil Oil Corporation	Name:	
Address:	PO Box 4358	Signature:	
	city Houston state TX zip 77210-4358	Title:	
Phone:	(281) 654-1936	Date:	
Comments:	Exxon Mobil has submitted a separate, signed cop	v of UIC Form 5	
Gorimento.	Exxon Mobil has submitted a separate, signed cop	y of UIC Form 5	

NEW OPERAT	FOR		
Company:	Resolute Natural Resources Company	Name:	Dwight E Mallory
Address:	1675 Broadway, Suite 1950	Signature:	Ju Elly
	city Denver state CO zip 80202	Title:	Regulatory Coordinator
Phone:	(303) 534-4600	Date:	4/20/2006
Comments:	A list of affected UIC wells is attached. New bond numbers for these wells are: BIA Bond # PA002769 and US EPA Bond # B001252		

(This space for State use only)

Transfer approved by:

Approval Date: b/12/06

Comments:

RECEIVED APR 2 4 2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list								
SUNDR	Y NOTICES AND REPORT	S ON WELI	_S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe					
Do not use this form for proposals to drill	I new wells, significantly deepen existing wells below a laterals, Use APPLICATION FOR PERMIT TO DRILL	current bottom-hole depth	ı, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: McElmo Creek Unit					
1. TYPE OF WELL OIL WELL		Unit Agreeme		8. WELL NAME and NUMBER: See attached list					
2. NAME OF OPERATOR:	9. API NUMBER: Attached								
3. ADDRESS OF OPERATOR:	Resolute Natural Resources Company N2700 3. ADDRESS OF OPERATOR: IPHONE NUMBER:								
1675 Broadway, Suite 1950	TY Denver STATE CO ZI		(303) 534-4600	10. FIELD AND POOL, OR WILDCAT: Greater Aneth					
4. LOCATION OF WELL			- 10 - 3.12.153745514	Amala P. S. S.					
FOOTAGES AT SURFACE: See a	inaction list			COUNTY: San Juan					
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:			STATE: UTAH					
11. CHECK APP	PROPRIATE BOXES TO INDICA	TE NATURE C	F NOTICE, REPO	RT, OR OTHER DATA					
TYPE OF SUBMISSION		TY	PE OF ACTION						
NOTICE OF INTENT	ACIDIZE	DEEPEN	***	REPERFORATE CURRENT FORMATION					
(Submit in Duplicate)	ALTER CASING	FRACTURE T		SIDETRACK TO REPAIR WELL					
Approximate date work will start:	CASING REPAIR CHANGE TO PREVIOUS PLANS	NEW CONST		TEMPORARILY ABANDON					
8 	CHANGE TUBING	OPERATOR (U TUBING REPAIR VENT OR FLARE					
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL					
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	(START/RESUME)	WATER SHUT-OFF					
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	=	N OF WELL SITE	OTHER:					
	CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION						
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show all	pertinent details incl	uding dates, depths, volume	es, etc.					
Effective June 1, 2006 Ex Resolute Natural Resource	xxon Mobil Oil Corporation resignates Company is designated as su	ns as operator ouccessor opera	of the McElmo Cree tor of the McElmo (k Unit. Also effective June 1, 2006 Creek Unit.					
A list of affected producin UIC Form 5, Transfer of A	ng and water source wells is attac Authority to Inject.	ched. A separa	te of affected injecti	on wells is being submitted with					
As of the effective date in	oond coverage for the affected we	alle will transfor	to BIA Bond # DAG	002760					
As of the ellective date, b	ond coverage for the affected we	ens will transfer	to bia bond # PAC	02769.					
NAME (PLEASE PRINT) Dwight E	Мыногу)	TITLE	Regulatory Coord	linator					
1 t 21	1/2	3000-000	4/20/2006						
SIGNATURE 0.9	\rightarrow	DATE	4/20/2000	· · · · · · · · · · · · · · · · · · ·					
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(5/2000)

Division of Oil, Gas and Mining (See Instructions on Reverse Side)
Earlene Russell, Engineering Technician

APR 2 4 2006

DIV. OF OIL, GAS & MINING

	Di	STATE OF UTAH EPARTMENT OF NATURAL RESOL	IDOES	FORM 9
		VISION OF OIL, GAS AND M		5. LEASE DESIGNATION AND SERIAL NUMBER:
S	SUNDRY N	NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ship Rock 7. UNIT Of CA AGREEMENT NAME:
Do not use this form for pro	oposals to drill new v drill horizontal latera	wells, significantly deepen existing wells below coals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, or form for such proposals.	
1. TYPE OF WELL	OIL WELL	GAS WELL OTHER	Injection	8. WELL NAME and NUMBER: McElmo Creek
2. NAME OF OPERATOR:		1110		9. API NUMBER:
ExxonMobil Oil (3. ADDRESS OF OPERATO		N 1855	I PHONE NUMBER:	attached 10. FIELD AND POOL, OR WILDCAT:
P.O. Box 4358		Houston STATE TX Z	, 77210-4358 (281) 654-1936	Annual Control of the
4. LOCATION OF WELL FOOTAGES AT SURFACE	DE:		CONTRACTOR OF SECTION	COUNTY: San Juan
QTR/QTR, SECTION, TO	OWNSHIP, RANGE,	MERIDIAN:		STATE: UTAH
11. CHE	CK APPRO	PRIATE BOXES TO INDICA	TE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMI	SSION		TYPE OF ACTION	
NOTICE OF INTE	NT [ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplica		ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date wo	rk will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
6/1/2006	ĮE	CHANGE TO PREVIOUS PLANS	✓ OPERATOR CHANGE	TUBING REPAIR
		CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT RI (Submit Original F		CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work complete	. " VE	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work complete	<u> </u> [COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
		CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMAT	ION
ExxonMobil Oil (Resources Com	Corporation i pany. All ch	is transferring operatorship of	uld be made effective as of 7:0	Creek lease to Resolute Natural
i i	aurie Kilhric	de	Permitting Su	nervisor

(This space for State use only)

Eprline Russell

Division of Oil, Gas and Mining Earlene Russell, Engineering Technician RECEIVED APR 2 1 2006

DIV. OF OIL, GAS & MINING

4/19/2006

GREATER ANETH FIELD UIC WELL LIST McElmo Creek lease, San Juan County, Utah

MCELMO CREEK D15							100					
MCELMO CREEK H11	Dan Land N		1.5		And the Man							
MCELMO CREEK 112	Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK 112	MOEI NO OBEEK	-										
MCELMO CREEK F11 4303716361800S1 Active 14-20-0603-6146 NW SW 36 40S 24E 1830FSL 0820FWL MCELMO CREEK G12 43037163800S1 Active 14-20-0603-6146 SE SW 36 40S 24E 1830FSL 1830FSL 1830FSL MCELMO CREEK G12 43037163800S1 Active 14-20-0603-6147 NW SE 2 41S 24E 1830FSL 1830FSL 1830FSL MCELMO CREEK G14 43037163800S1 Active 14-20-0603-6148 NE NE 10 41S 24E 1270FNL 2660FSL MCELMO CREEK G14 430371626500S1 Active 14-20-0603-6509 SE NW 2 41S 24E 2140FNL 2140FWL MCELMO CREEK G14 430371626800S1 Active 14-20-0603-6510 NW NE 2 41S 24E 2140FNL 2140FWL MCELMO CREEK G14 430371626800S1 Active 14-20-0603-6510 NW NE 2 41S 24E 2060FNL 1920FEL MCELMO CREEK G14 430371626800S1 Active 14-20-0603-6510 NW NE 2 41S 24E 2060FNL 1920FEL MCELMO CREEK G14 430371626800S1 Active 14-20-0603-6510 NW NE 2 41S 24E 2060FNL 0500FEL MCELMO CREEK G14 430371618070S1 Active 14-20-0603-2048A NW SE 2 41S 24E 2060FNL 0500FEL MCELMO CREEK G14 430371618070S1 Active 14-20-0603-2057 NW NW 33 40S 25E 2050FNL 0500FEL MCELMO CREEK G14 430371618070S1 Active 14-20-0603-2057 NW NW 33 40S 25E 2050FNL 0625FWL MCELMO CREEK G14 43037161805S1 Active 14-20-0603-2057 NW SW 33 40S 25E 2050FNL 0625FWL MCELMO CREEK G14 43037161800S1 Active 14-20-0603-2057 NW SW 33 40S 25E 2050FNL 0625FWL MCELMO CREEK G14 43037161800S1 Active 14-20-0603-2057 NW SW 33 40S 25E 2050FNL 0625FWL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 33 40S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 33 40S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 33 40S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 33 40S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 4 41S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 4 41S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037161800S1 Active 14-20-063-2057 NW SW 4 41S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037163500S1 Active 14-20-063-2057 NW SW 4 41S 25E 1050FNL 1050FNL MCELMO CREEK G14 43037163500S1 Active						_		_	_		1855FSL	2100FEL
MCELMO CREEK D15	MCELMO CREEK	112	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK D15										KI .	0	
MCELMO CREEK A17 43037163400S1 Active 14-20-603-6147 NW SE 2 41S 24E 1830FSL 1				Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
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MCELMO CREEK E14			1									
MCELMO CREEK E14	MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FFL
MCELMO CREEK R09	MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE						
MCELMO CREEK R11												0000. 22
MCELMO CREEK R11A 430371614700S1 Active 14-20-603-2057 NW NW 33 40S 25E 2030FSL 0880FWL	MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	sw	SE	28	40S	25F	0660ESI	1980FFI
MCELMO CREEK				****							OGGGI GE	10001 EE
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MCELMO CREEK L21 430371550600S1 Active 14-20-603-263 NW NE 18 41S 25E 0820FNL 1980FEL MCELMO CREEK L23 430371550700S1 Active 14-20-603-263 NW SE 18 41S 25E 1980FEL MCELMO CREEK M18 430371551000S1 Active 14-20-603-263 SE NE 7 41S 25E 1850FNL 0790FEL MCELMO CREEK M20 430371551100S1 Shut-in 14-20-603-263 SE SE 7 41S 25E 0660FSL 0660FEL MCELMO CREEK N17 430371551400S1 Active 14-20-603-263 NW NW 8 41S 25E 0810FNL 0660FWL MCELMO CREEK N19 430371551500S1 Active 14-20-603-263 NW NW NW 17 41S 25E 1850FSL 0500FWL MCELMO CREEK N21 430371551600S1 Active 14-20-603-263 NW NW <t< td=""><td></td><td></td><td>430371550500S1</td><td>Active</td><td>14-20-603-263</td><td>NW</td><td>SE</td><td>7</td><td>418</td><td>25E</td><td>1860FSL</td><td>2140FEL</td></t<>			430371550500S1	Active	14-20-603-263	NW	SE	7	418	25E	1860FSL	2140FEL
MCELMO CREEK L23 430371550700S1 Active 14-20-603-263 NW SE 18 41S 25E 1980FSL 1980FEL MCELMO CREEK M18 430371551000S1 Active 14-20-603-263 SE NE 7 41S 25E 1850FNL 0790FEL MCELMO CREEK M20 430371551100S1 Shut-in 14-20-603-263 SE SE 7 41S 25E 0660FSL 0660FEL MCELMO CREEK N17 430371551400S1 Active 14-20-603-263 NW NW 8 41S 25E 0810FNL 0660FWL MCELMO CREEK N19 430371551500S1 Active 14-20-603-263 NW NW 8 41S 25E 1850FSL 0500FWL MCELMO CREEK N21 430371551600S1 Active 14-20-603-263 NW NW NW 17 41S 25E 0660FNL 0660FWL MCELMO CREEK O18 430371551700S1 Active 14-20-603-263 SE		L21	430371550600S1	Active	14-20-603-263	NW	NE	18	418	25E	0820FNL	
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MCELMO CREEK M20 430371551100S1 Shut-in 14-20-603-263 SE SE 7 41S 25E 0660FSL 0660FEL MCELMO CREEK N17 430371551400S1 Active 14-20-603-263 NW NW 8 41S 25E 0810FNL 0660FWL MCELMO CREEK N19 430371551500S1 Active 14-20-603-263 NW SW 8 41S 25E 1850FSL 0500FWL MCELMO CREEK N21 430371551600S1 Active 14-20-603-263 NW NW NW 17 41S 25E 0660FNL 0660FWL MCELMO CREEK O18 430371551700S1 Active 14-20-603-263 SE NW 8 41S 25E 1830FNL 1890FWL		M18	430371551000S1	Active	14-20-603-263			_		$\overline{}$		
MCELMO CREEK N17 430371551400S1 Active 14-20-603-263 NW NW 8 41S 25E 0810FNL 0660FWL MCELMO CREEK N19 430371551500S1 Active 14-20-603-263 NW SW 8 41S 25E 1850FSL 0500FWL MCELMO CREEK N21 430371551600S1 Active 14-20-603-263 NW NW 17 41S 25E 0660FWL MCELMO CREEK O18 430371551700S1 Active 14-20-603-263 SE NW 8 41S 25E 1830FNL 1890FWL		M20						_	_			
MCELMO CREEK N19 430371551500S1 Active 14-20-603-263 NW SW 8 41S 25E 1850FSL 0500FWL MCELMO CREEK N21 430371551600S1 Active 14-20-603-263 NW NW 17 41S 25E 0660FWL MCELMO CREEK O18 430371551700S1 Active 14-20-603-263 SE NW 8 41S 25E 1830FNL 1890FWL	MCELMO CREEK	N17						_				
MCELMO CREEK N21 430371551600S1 Active 14-20-603-263 NW NW 17 41S 25E 0660FNL 0660FWL MCELMO CREEK O18 430371551700S1 Active 14-20-603-263 SE NW 8 41S 25E 1830FNL 1890FWL	MCELMO CREEK											
MCELMO CREEK 018 430371551700S1 Active 14-20-603-263 SE NW 8 41S 25E 1830FNL 1890FWL								-				
MOSING ODESIA DATA MOSINES MOS								_				
MCELMO CREEK P17 430371551900S1 Active 14-20-603-263 NW NE 8 41S 25E 0660FNL 1980FEL				Active	14-20-603-263			_			0660FNL	1980FEL

GREATER ANETH FIELD UIC WELL LIST McElmo Creek lease, San Juan County, Utah

		390 300 727	1					Surfa	ice Lo	cation	
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TTN		NS Foot	EW Foot
Till co on is			- Clarac	Trog Zodoo II		Q.(,	1000		1410	110 1 000	LVV 1 OOL
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17		25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	sw	NE	17			2531FNL	2325FEL
				585						-37	
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
			V.II.							11.52	1,1,1,1,1
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	418	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	sw	9	418		1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16			0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9		25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S		2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	418		0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	123	430371635200S1	Active	14-20-603-370	NE	SE	13	41S		1980FSL	0660FEL
MCELMO CREEK	125	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
					1			300			
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	418		0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	418		1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	012	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
	014	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
	F13	430371634500S1	Active	14-20-603-4032				41S		0795FNL	0535FWL
	F15A	430373114900S1	Active	14-20-603-4032			1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW		418		0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE		41S			2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE		41S		1980FNL	0660FEL
				- 1112//							

GREATER ANETH FIELD UIC WELL LIST McElmo Creek lease, San Juan County, Utah

1		70 - 23- 270				-86		Surfa	ce Loc	ation	4
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
								NSC.			
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	418	24E	0660FNL	1980FEL
MCELMO CREEK	118	430371570900S1	Active	14-20-603-4495	SE	NE	12	415	24E	1840FNL	0555FEL
1.2				- Aii							
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11_	41S	24E	1980FSL	0660FEL
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL
MCELMO CREEK	120	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	sw	29	40S	25E	2083FSL	745FWL
MCELMO CREEK	P07	430371636200S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL

Sundry Number: 60483 API Well Number: 43037155140000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	ree	FORM 9				
ı	DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-263				
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO				
	posals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: MCELMO CREEK				
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: NAVAJO 114-1 (MCELMO N-17)				
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOU	RCES		9. API NUMBER: 43037155140000				
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite	2800 , Denver, CO, 80203 4535	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0810 FNL 0660 FWL			COUNTY: SAN JUAN				
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 08 Township: 41.0S Range: 25.0E Meri	idian: S	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
-	ACIDIZE	ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
2/10/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION				
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON				
_	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: UIC Repair				
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	all pertinent details including dates, o	lepths, volumes, etc.				
l .	sources respectfully submits						
a UIC repair on t	the above well. Attached are	the procedures and	Utah Division of				
	schematic		Oil, Gas and Mining				
			Date: March 042015				
			By: Dor K Dunt				
NAME (PLEASE PRINT) Erin Joseph	PHONE NUMB 303 573-4886	ER TITLE Sr. Regulatory Analyst					
SIGNATURE	303 373-4000 ——————————————————————————————————	DATE					
N/A		2/3/2015					

Sundry Number: 60483 API Well Number: 43037155140000



Date: 2-1-2015 MCUN-17 UIC repair

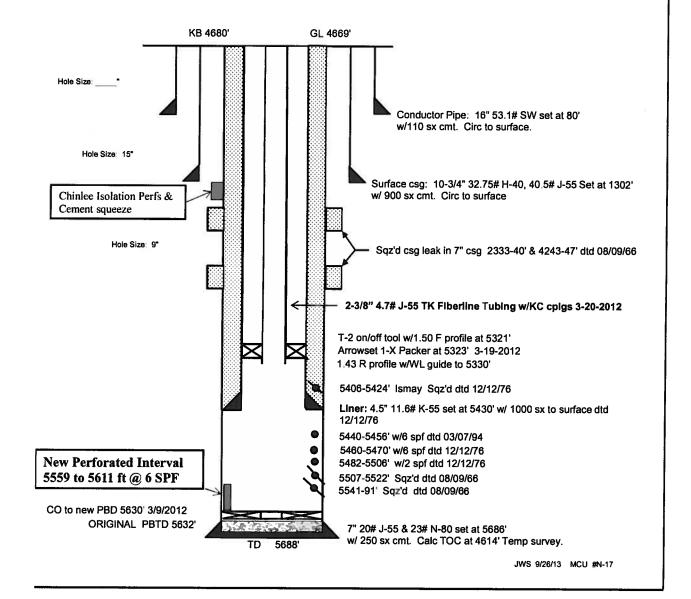
- 1. Check anchors. Erect Sound walls as needed.
- 2. MIRU WSU, LOTO.
- 3. ND WH & NU BOP's. Test BOP's.
- 4. RU Great White Snubbing Unit & spacer spool.
- 5. Unset pkr & TOOH w/2-3/8 TK Fiberline tbg & 4-1/2" AS-1X packer, standing back & inspecting each connection, on/off tool, and packer condition. Re-run or replace tbg per inspection results.*
- 6. PU workstring. RIH with bit. Liner size is 4.5" 11.6# . Clean out to PBTD of 5630.
- 7. POOH & LD bit. RIH with scraper for 4.5" liner to 5350. Make several passes over pkr setting depth. Bottom of liner at 5430'. POOH w/scraper.
- 8. RIH w/ 4-1/2"" AS-1X packer on injection tubing to pkr set depth of 5320' with plug in profile nipple. Pump pkr fluid down backside. Set pkr. Land tubing.
- 9. Perform mock MIT.
- 10. ND snubbing unit & BOP, NU WH. Test void to 2500 psi. RD WSU.
- 11. MIRU slickline unit. Test lubricator to 2500 psi.
- 12. RIH gauge ring, shear plug, and retrieve plug. RDMO slickline unit.
- 13. Backflow the lateral line.
- 14. Schedule witnessed MIT w/NNEPA.
- 15. Schedule acid job, if needed, after rig leaves location.
- 16. Notify Area Injection Supervisor Pierce Benally (435) 444-9957 that well is ready for reconnect & return to injection.
 - * If tubing is replaced, consult Bill Albert for tbg type to be run back in the well.

Sundry Number: 60483 API Well Number: 43037155140000

McELMO CREEK UNIT # N-17

GREATER ANETH FIELD 810' FNL & 660' FWL SEC 8-T41S-R25E SAN JUAN COUNTY, UTAH API 43-037-15514

INJECTOR



Sundry Number: 60483 API Well Number: 43037155140000

5,629.9	5,601.0	5,585.0 5,585.0	5,541,0	5,522.0	5,505.9	5,470,1	5,456.0	5,430.1	5,422.9	5,330,4	5,329.1	5,321.2	4,613.8	4,243.1	2,339.9	1,301.8	101.0	78.1	55.8	13.5	0.0
												× is a second				,					
										*****			3								DLS (*/100ft)
	E E E			2 Z		8 8 E	8 8 S		2 Z						500000					- F	
	2 2 2	8 77			so Pace P		-0-0		- 886		88 88		0000	2338							
	T		G 28 282	22 C	1				28 28	2000 E	20 20	200 20	3	22	22	-	o sesses	severene	en en en en	TH	
	Open	Perfo	Perío	Perfo	Perfo	Perfo	Perío	3-2,	Perfo	3.10	3-8	3-6,	4.2.		3-5	2-3;	2-2	1-2	3.3	3-2	-3.1
	Open Hale; 5,591 0.5,60 Perforated; 5,385 0.5,8	Perforated; 5,559 0-5,5:	Perforation, 5,541.0-5,5	Perforation, 5,507.0-5,5	Perforation, 5,482.0-5,5	Perforation, 5,460.0-5,4	Perforation, 5,440,0-5,4	3-2, Casing Hanger - Ot	Perforation; 5,406.0-5,4	3.10, 2.36" Whreline Re	3-6, 41/2" X 23/6" Arrr 3-8, 41/2" X 23/6" Arrr 3-9, 23/6" X 143 "R" nr	3-6; 2 3/8" × 2 3/8" Nick	4-2; Casing Joint(s), 7, J		3-5; Tbg, 2 3/8" Fibertin	2-3; Float Shoe; 10 3/4; 4-1; Casing Joint(s); 7;	-2-2, Casing Joint(s); 10	1-2; Float Shoe; 16, 78	3-3; Tbg sub, 2 3/8" Fib	32, Tbg, 236" Fiberin 1-1, Casing Joint(s), 16, 2-1, Casing Joint(s), 10,	-3.1: Landing Donat TC
	Open Hote; 5,591 0-5,601 0; 3/12/2012 Perforated; 5,585 0-5,611 0; 3/12/2012	Perforated; 5,559 0-5,579 0; 3/12/2012 Perforated; 5,569 0-5,579 0; 3/12/2012	Perforetion, 5,541.0-5,591.0, 8/9/1966	Perforation, 5,507.0-5,522.0, 8/9/1966	Perforation, 5,482 0-5,506 0, 12/12/1976	Perforation; 5,460 0-5,470 0; 12/12/1976	Perforation, 5,440.0-5,456.0; 3/7/1994	3-2, Casing Hanger - Other; 4 1/2, 5,423.0	Perforation, 5,406.0-5,424.0, 12/12/1976	3-10; 2 38" Wheline Re-entry Guide, 3 1/16, 1	3-6, 4 1/2 × 2 3/6 12 gradet ti W/1.50 F pkr w/ 3-8, 4 1/2" X 2 3/6" Arrrow Set 1X pkr w/ 3-9 2 3/6" × 1 43 "R" parofile nin 3 1 / 6 1	3-5; 2 3/6" × 2 3/6" Nickle coated sub; 3 1;	4-2; Casing Joint(s), 7, 6,366, 3,239,0-5,6		3-5; Tbg, 2 3/8" Fibertine w/KC cptgs; 2 3/	2-3; Floel Shoe; 10 3/4; 1,300.0-1,302.0; 2 4-1; Casing Joint(s); 7; 6456; 0.0-3,239.0	-2-2, Cesing Joint(s); 10 3/4; 10 192; 101.0	1-2, Float Shoe, 16, 78.0-80.0, 2.00	3-3, Tbg sub, 2 38" Fibertine w/AC cptgs,	3-2 Tbg , 2 3/6" Fiberline w/KC cptgs, 2 3/ 1-1; Casing Joint(s), 16; 0.0-78.0; 78.00	3.4: Lacting Done TO 1A w/S/1947 14
	Open Hole; 5,591 0-5,601 0; 3/12/2012 Per foreted; 5,585 0-5,611 0; 3/12/2012	Perforated; 5,559 0-5,585 0; 3/12/2012 Perforated; 5,569 0-5,579 0; 3/12/2012	Per foretion, 5,541.0-5,591.0, 8/9/1966	Perforation, 5,507.0-5,522.0; 8/9/1966	Perforation, 5,482.0-5,506 0, 12/12/1976	Perforation; 5,460.0-5,470.0; 12/12/1976	Perforation, 5,440.0-5,456.0; 3/7/1994	3-2, Casing Hanger - Other; 4 1/2, 5,423.0-5,430.0, 7.00	Perforation, 5,406.0-5,424.0; 12/12/1976	3-10, 2 36" Wireline Re-entry Guide, 3 1/16, 2 000, 5,329.9-5	3-6, 4 1/2 × 2 3/6" Arrrow Set 1X pkr w/1.50 °F" proft; 3 3/4, 1.500; 5,321,2-5,3229, 1,73 3-8, 4 1/2" X 2 3/6" Arrrow Set 1X pkr w/1.50 °F" proft; 3 3/4, 1.995; 5,322,9-5,329.1; 6.20 3-9, 2 3/6" x 1 43 "F" profile nin; 3 1/16, 1 4/30, 5,320, 0, 0,78	3-6; 2 3/8" x 2 3/8" Nickle coated sub; 3 1/16; 1 .995; 5;320.1-5;321 2; 1.10	4-2: Casing Joint(s), 7, 6 366, 3,239,0-5,684 0; 2,445,00		3-5, Tbg, 2 3/8" Fibertine w/KC cptgs, 2 3/8, 64.1-5,320.1, 5,255.99 3-1, Casting Joint (S), 4 1/2, 4 000; 0 0-5,423 0; 5,423 00	2-3, Float Shoe, 10 3/4, 1,300 0-1,302 0, 2.00 4-1; Casing Joint(s), 7, 6 456, 0 0-3,239 0; 3,239 00	-2-2, Cesting Joint(s); 10 3/4; 10 192; 101 0-1 300 0 1 199 00	1-2, Float Shoe; 16, 78.0-80.0; 2.00	3-3, Tbg sub, 2 38" Fibertine w/k/C cpdgs, 2 3/8, 45.8-55.9, 10.1:	73-2, Tbg. 2 36° Fiberine w/KC cptgs; 2 36°, 13.5-45.8°, 32.25 1-1; Casing Joint(s); 16; 0.0-78.0; 78.00	13.4.1 and fine Done TO 1A w. CO ON 7.48 C. 100 10.6.1 Co

Sundry Number: 62391 API Well Number: 43037155140000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-263
SUNDR	RY NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
	posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME: MCELMO CREEK
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: NAVAJO 114-1 (MCELMO N-17)
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOU	RCES		9. API NUMBER: 43037155140000
3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2	2800 , Denver, CO, 80203 4535	PHONE NUMBER: 303 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0810 FNL 0660 FWL			COUNTY: SAN JUAN
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNW Section:	HIP, RANGE, MERIDIAN: 08 Township: 41.0S Range: 25.0E M	eridian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New construction
2/17/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
 	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
			WATER DISPOSAL
DRILLING REPORT	TUBING REPAIR	☐ VENT OR FLARE ☐	
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: UIC Repair
Resolute Natural R that the UIC repair	completed operations. Clearly shown esources respectfully submon the above well has been previously approved proced	nits this sundry as notice n completed according to	Accepted by the
NAME (DI FASE DDINIT)	DHONE MIIA	BER TITLE	
NAME (PLEASE PRINT) Erin Joseph	PHONE NUN 303 573-4886	Sr. Regulatory Analyst	
SIGNATURE N/A		DATE 4/7/2015	